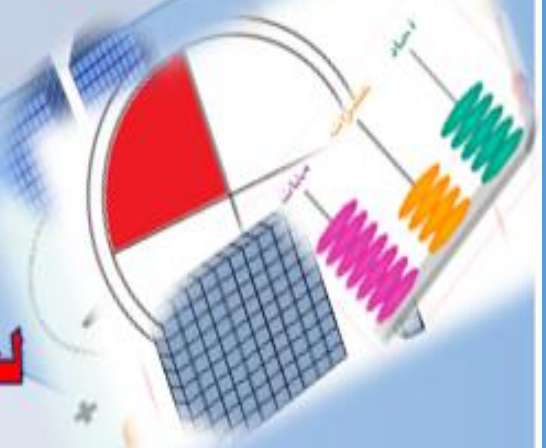
مشروع بناء برامج تعويضية

لصعوبات تعلم المواد الدراسية للأجئين السوريين

لبنان - الأردن - تركيا (الداخل السوري)

التطبيقات العملية باللغة الإنجليزية



لعلاج صعوبات تعلم الرياضيات

للحد من الفاقد التعليمى

لدى اللاجئين السوريين

2

الصف الثانى الابتدائى

فريق التأليف		
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د/ محمد محي الدين عبدالسلام	خبير مناهج الرياضيات وإعداد المواد التعليمية	مصر
د/ محمد السيد أحمد عبده	أستاذ المناهج وطرق تدريس الرياضيات المساعد	مصر
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م/ أردهان محمد دامرجي	خبير إعداد مصادر تعلم تكنولوجية رياضيات	لبنان
أ/ أحمد صالح الفتحي	معلم رياضيات ورئيس الفريق السوري	سوريا

فريق الترجمة باللغة الإنجليزية	
أ / مروة بركة	معلمة الرياضيات (اللغة الإنجليزية) - مدارس الكويت الخيرية
م/ ختام العمر	خبيرة ومنسقة مادة الرياضيات (اللغة الإنجليزية)

فريق مراجعة الترجمة باللغة الإنجليزية	
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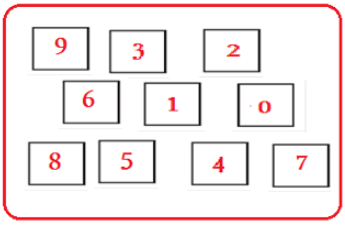
Topic (1): Numbers up to 999

Worksheet (1): The Place value game.

Required: Forming numbers of three digits by using the following cards:



The first round:

Ignore it

Hundreds	Tens	Ones

The second round:

Ignore it

Hundreds	Tens	Ones

The third round:

Ignore it

Hundreds	Tens	Ones

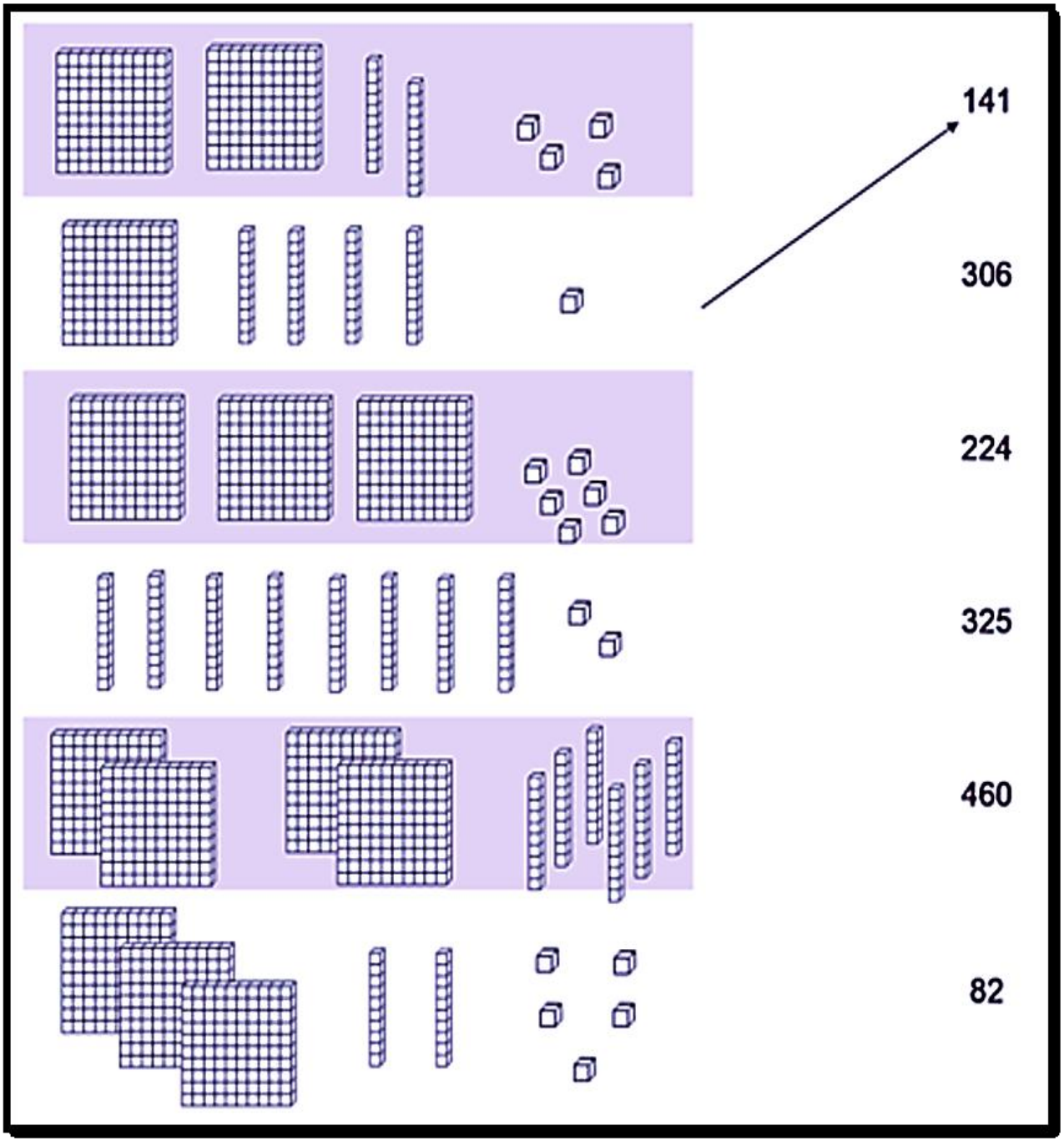
Worksheet (2)

Complete as in the example:

• 2 tens= 20 ones • 2 hundreds = 20 tens • 2 hundreds = 200 ones	• 3 tens= ------- ones • 3 hundreds = ------- tens • 3 hundreds = ------- ones
• 4 tens= ------- ones • 4 hundreds = ------- tens • 4 hundreds = ------- ones	• 5 tens= ------- ones • 5 hundreds = ------- tens • 5 hundreds = ------- ones
• 6 tens= ------- ones • 6 hundreds = ------- tens • 6 hundreds = ------- ones	• 7 tens= ------- ones • 7 hundreds = ------- tens • 7 hundreds = ------- ones
• 8 tens= ------- ones • 8 hundreds = ------- tens • 8 hundreds = ------- ones	• 9 tens= ------- ones • 9 hundreds = ------- tens • 9 hundreds = ------- ones

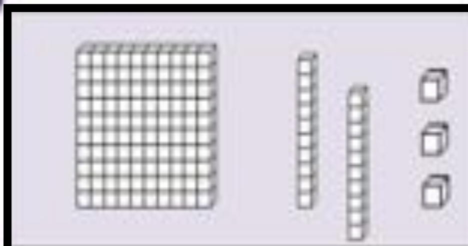
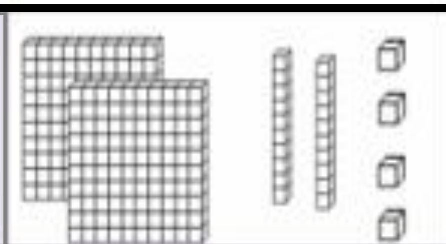
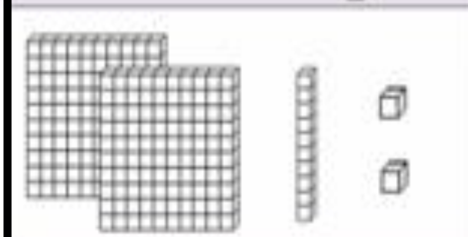
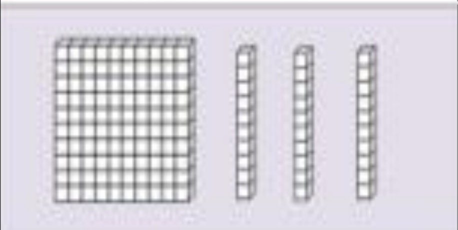
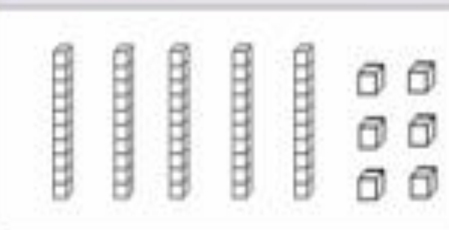
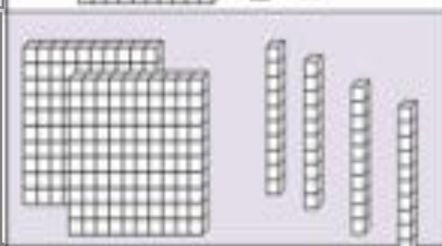
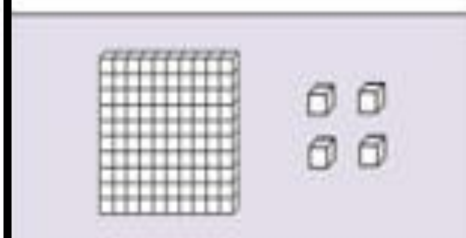
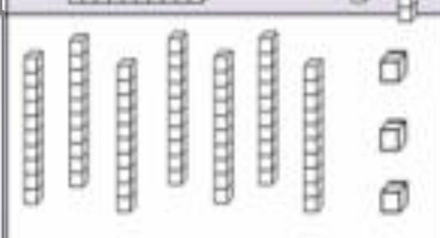
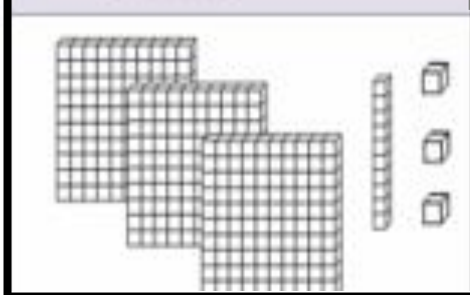
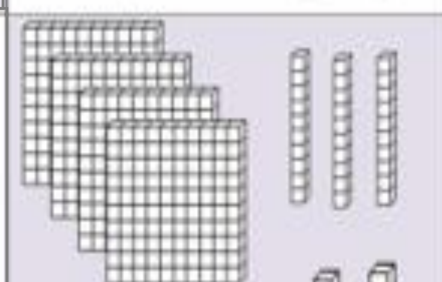
Worksheet (3)

Match:



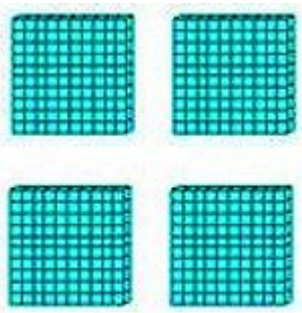
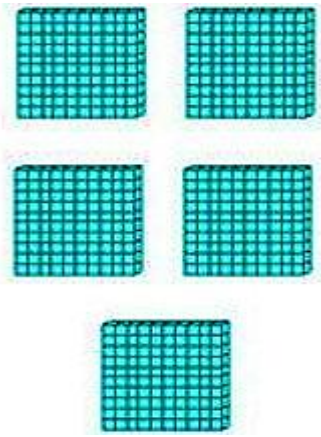
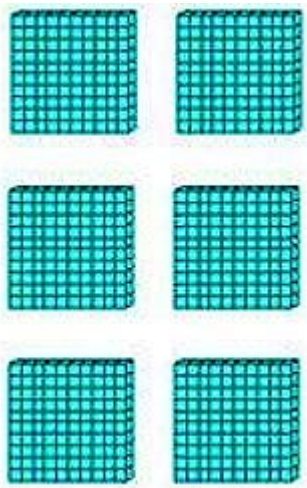
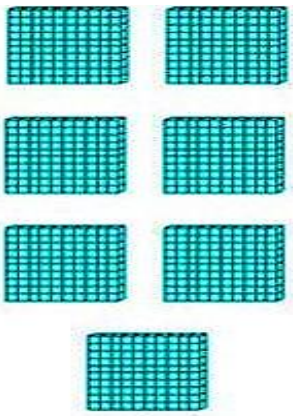
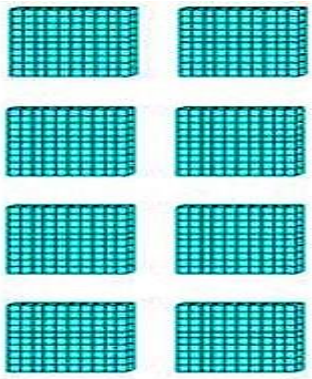
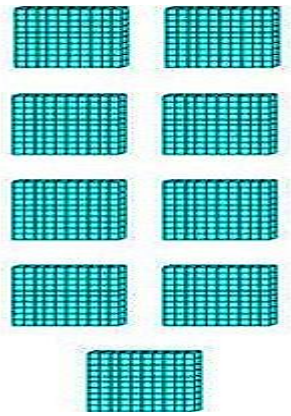
Worksheet (4)

Complete with the corresponding number:

	What is the number? ______		What is the number? ______
	What is the number? ______		What is the number? ______
	What is the number? ______		What is the number? ______
	What is the number? ______		What is the number? ______
	What is the number? ______		What is the number? ______
	What is the number? ______		What is the number? ______

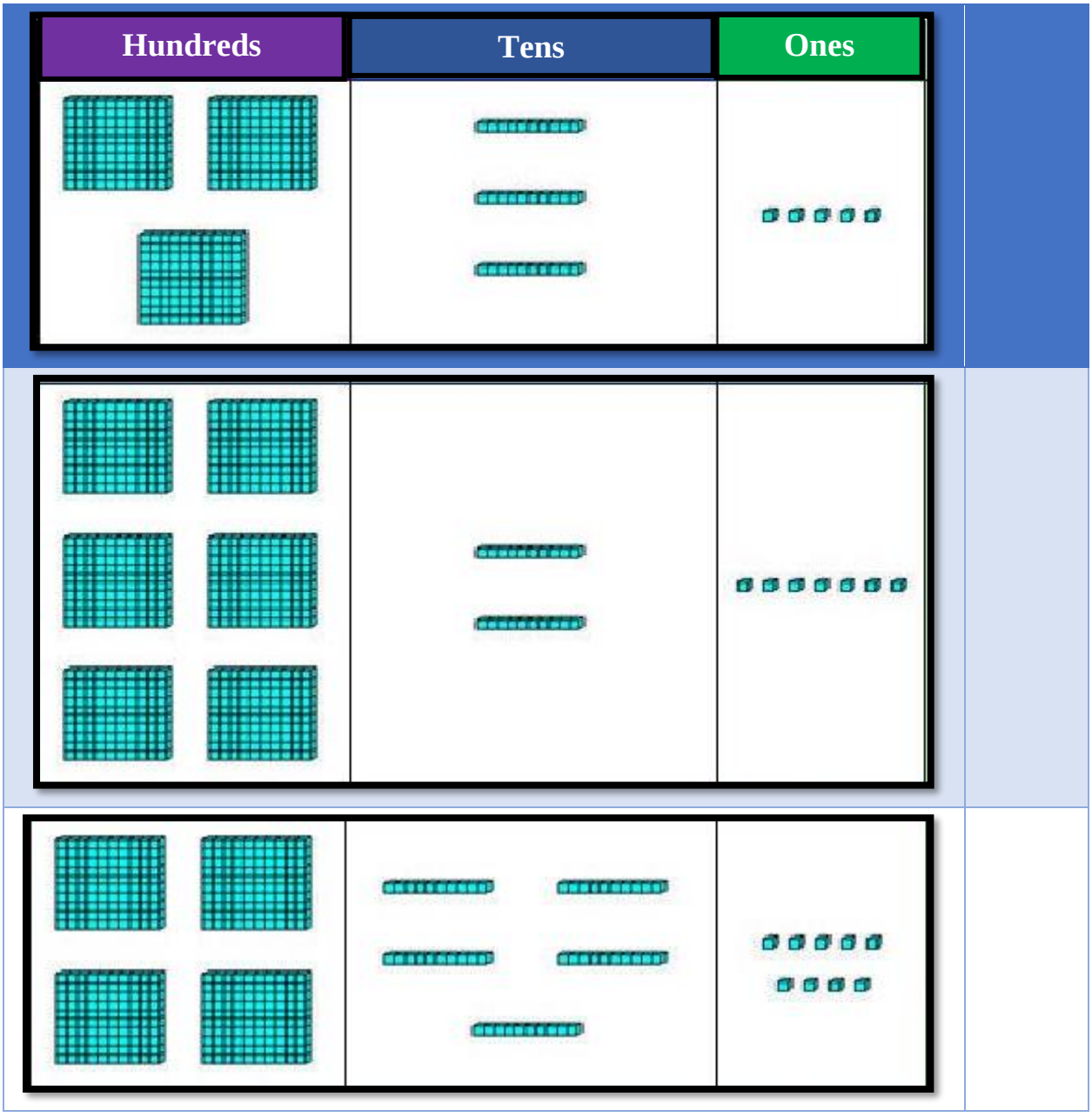
Worksheet (5)

- Observe this model  that represents the number 100.
- Complete by writing the corresponding number

		
The number:--------	The number:--------	The number:--------
		
The number:--------	The number:--------	The number:--------

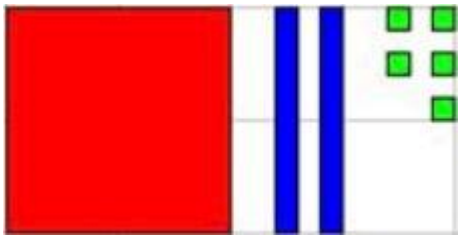
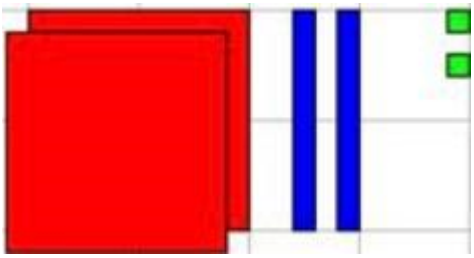
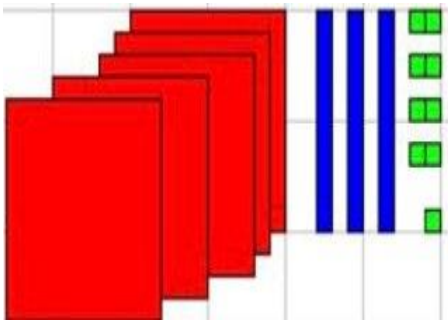
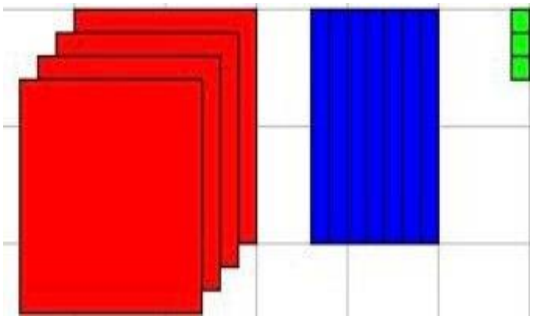
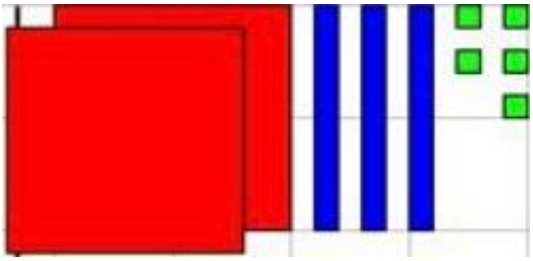
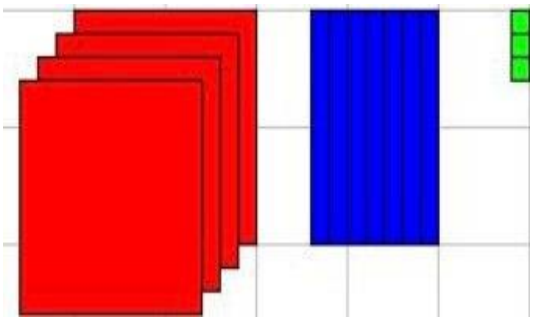
Worksheet (6)

Complete with the corresponding number.



Worksheet (7)

Write the corresponding number.

	
The number:----------	The number:----------
	
	
The number:----------	The number:----------

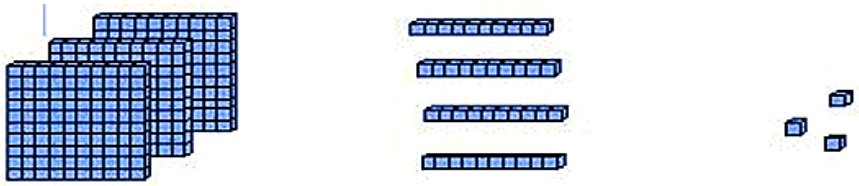
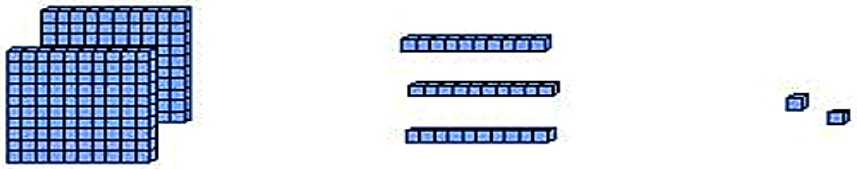
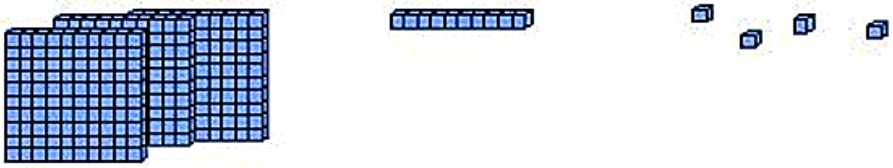
Worksheet (8)

Complete by the missing number.

900	1900	2900	3900	4900	5900	6900	7900		9900
800	1800	2800	3800	4800	5800	6800	7900	8800	9900
700	1700	2700	3700	4700	5700	6700		8700	9700
600	1600	2600	3600	4600		6600	7600	8600	9600
500	1500	2500	3500		5500	6500	7500	8500	9500
400		2400	3400	4400	5400		7400	8400	9400
300	1300		3300	4300	5300	6300	7300	8300	
200	1200	4200	3200	4200	5200	6200	7200	8200	9200
100	1100	2100	3100		5100	6100	7100	8100	9100
0	1000	2000	3000	4000	5000	6000	7000	8000	9000

Worksheet (9)

Write the number.

	**The number** ----------
	**The number** ----------
	**The number** ----------
	**The number** ----------
	**The number** ----------
	**The number** ----------

Topic (2)

Reading and writing the numbers up to 999

Worksheet (1)

1) Circle the correct answer:

a- The number (two hundred fifty-seven) is written in digit as:

- 275
- 527
- 725

b- The number 341 is written in words as:

- Three hundred fourteen.
- Three hundred forty-one.
- One hundred thirty-four.

c- The digit that represents the hundred-digit in the number 953 is:

- 3
- 5
- 9

2) Complete:

Number	Hundred	Tens	Ones
684	**6**		**4**
	7	**0**	**3**
913			

Worksheet (2)
Learning Table

What did you learn about the numbers up to 999?	How do you learn about the numbers up to 999?	What do you know about the numbers up to 999?
Check your understanding and its connection to what you expected?	**Talk about your expectations and your learning style.**	**Talk mathematically about the previous experiences.**

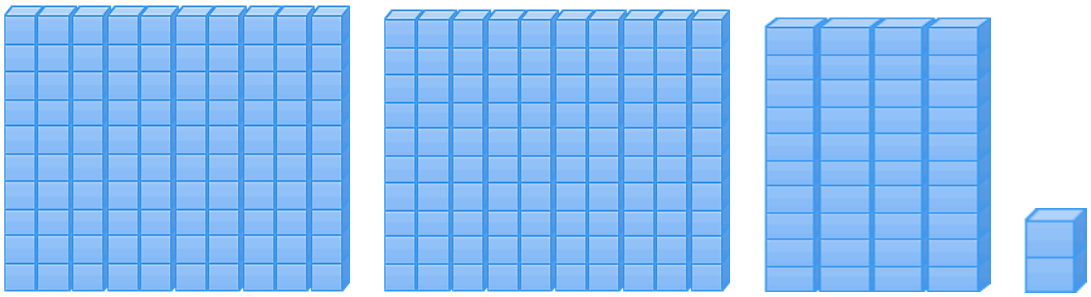
- Can you speak orally to indicate your previous experiences, and the teacher takes note of them?
- The teacher helps the students to indicate their expectations.
- The teacher provides students with the feedback and provides them with activities and exercises during the treatment to achieve their goals in the current lesson.
- He notes that the wrong concepts and difficulties will appear during the revision of previous experiences, so it should be considered in the teaching treatments in the following steps.

Worksheet (3)

1) Complete with the appropriate number

The number	Hundreds	Tens	Ones
	4	8	7
365		6	
909			9

2) Write the number that represents the cubes set:



The number: ……..

Worksheet (4)

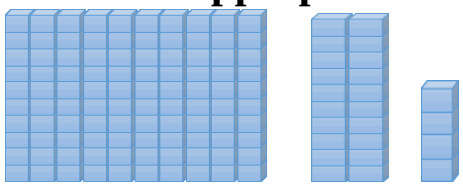
1) Write the number:

- 7 ones + 3 tens + 5 hundreds = ----------
- 5 tens + 9 hundreds = ----------
- 3 ones + 7 hundreds = ----------

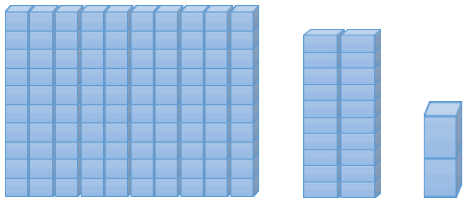
2) Represent the following numbers by using the cubes:

124 , 601 , 320.

3) Write the appropriate number:



The number: ---------

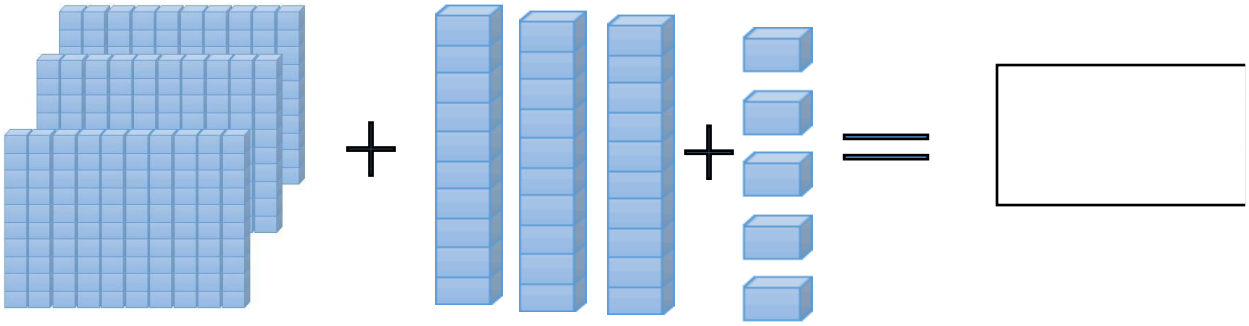


The number: ---------

Worksheet (5)

1) Write the appropriate number:

- **5 ones + 9 tens + 8 hundreds = ----------**
- **5 tens + 7 hundreds = ----------**



Worksheet (6)

1) Complete:

Number	Hundred	Tens	Ones
654			
781			
509			
350			
201			
657			
700			
999			
100			
85			
407			

Worksheet (7)

1) Match:

Three hundred one	•	• **103**
One hundred thirty	•	• **301**
One hundred three	•	• **130**

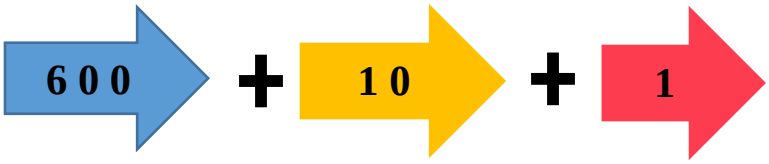
2) Represent the number in expanded form as in the example:

- **944 = 4 ones + 4 tens + 9 hundreds**
- 865 = -------- + -------- + ---------
- 137 = -------- + -------- + ---------
- 490 = -------- + -------- + ---------

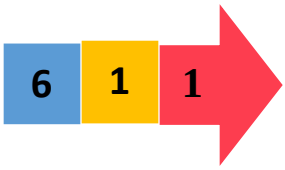
Worksheet (8)

Observe then choose the correct answer:

Expanded form



What`s the number? ----------

A- 

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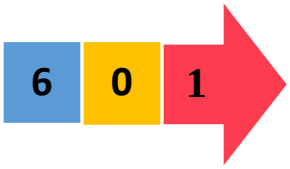
B- 

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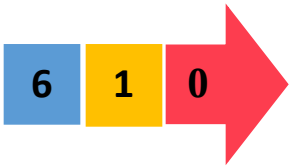
C- 

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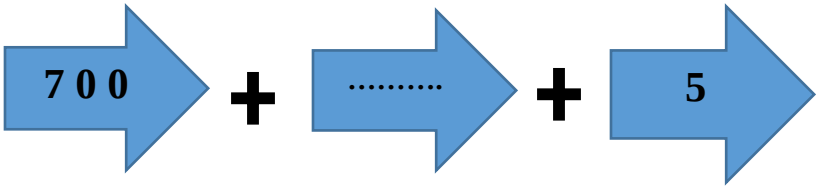
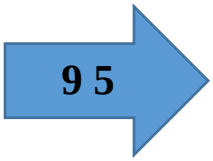
Worksheet (9)

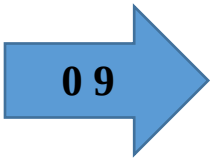
Observe the number in standard form and in the expanded form then complete by the missing number

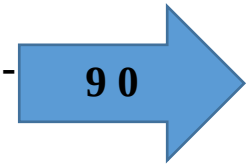
Standard form:

Expanded form:



A- 

B- 

C- 

Worksheet (10)

Q7: Complete: 957 = ----- + ----- + -----

a- 9 ; 5 ; 7.
b- 700 ; 50; 9.
c- 90 ; 50 ; 7.

Q8: Write the following number in the expanded form:

" One hundred fifty-two".

a- 500 + 10 + 2
b- 1 + 5 + 2
c- 100 + 50 + 2
d- 10 + 5 + 2

Q9: Three hundred sixty-five = 365?

a- True.
b- False.

Q10: Write the number 107 in words.

a- Seven hundred one.
b- One hundred seventeen.
c- One hundred.
d- One hundred nine.
e- One hundred seven.

Topic Three

Comparing and ordering the numbers

Worksheet (1)

Khalid wrote the height of each student in section (A) on the board in a table, to arrange the students in this section in an increasing and a decreasing order.

Name	Ali	Omar	Samer	Hamza	Youssef	Adeeb	Hashem	Sanad
Height (cm)	145	133	129	154	122	138	150	134
Increasing order								
Decreasing order								

For section (B) the data was as the following:

Name	Anas	Rabea	Shahem	Ahmad	Mohamud	Tareq	Mahmoud	Osama
Height (cm)	119	117	123	118	136	127	134	128
Increasing order								
Decreasing order								

Worksheet (2)

Amer went to the market to buy the furniture for his new house, but he decided to compare the prices of furniture in the stores, then he will decide from which store he will buy his house furniture.

Al Waaed store	Price (Dinar)	> , < , =	Al Fajer store.	Price (Dinar)
The Freezer	88		The Freezer	40
The washing machine	20		The washing machine	90
The bedroom	75		The bedroom	97
The sofa	40		The sofa	40
The T. V	60		The T. V	65

- Which is more expensive in its price, the price of the freezer in Al Fajer store or in Al-Waaed store?
- By how much does the price of bedroom in Al Fajer store exceed the one in Al Waaed store?
- Which items are equal in price in both stores?
- Which one is cheaper in Al Fajer store, the freezer or the washing machine?
- Where is the T.V cheaper, in Al Waaed store or in Al Fajer store?
- If you wanted to buy sofas, from where would you buy them? And why?
- Arrange the prices in each store in a decreasing order.

Worksheet (3)

Rolla and her brother Samer went on a space trip, to wander in the world of numbers, then they rode their beautiful space ship which is full of equipment that would help them in their trip from the Earth to space, then back to Earth. Throughout their launch up to space, they saw a group of stars whose numbers were scattered.

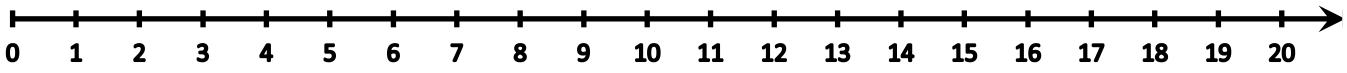
Arrange the numbers of stars in an increasing order.

During their return to the Earth, they found a second group of scattered stars.

Arrange the numbers of stars in a descending order.

Worksheet (4)

Locate the ages of your brothers on the number line from the oldest to th youngest.



Worksheet (5)

Fill in the blanks the signs >, < or =:

8 ☐ 18

8 ☐ 18

8 ☐ 18

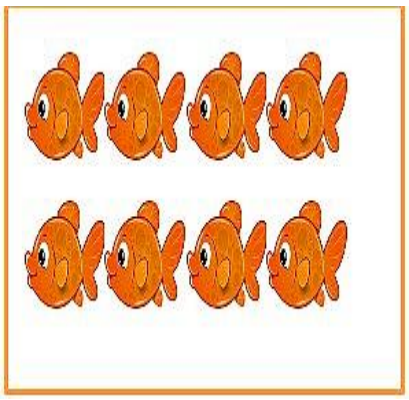
Twenty-five ☐ Twenty-four

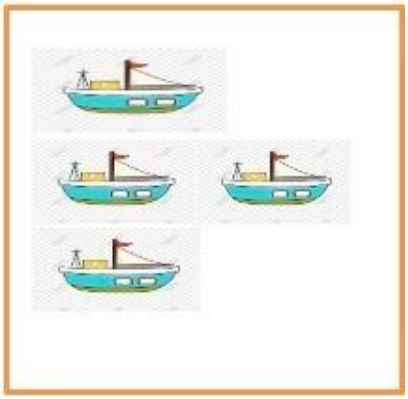
6 ones and 7 tens ☐ 76

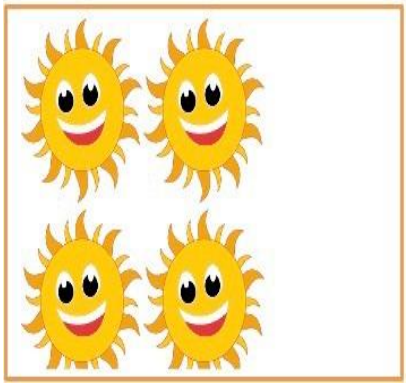
92 ☐ 6 ones and 2 tens

Worksheet (6)

Arrange the pictures below in an increasing order.

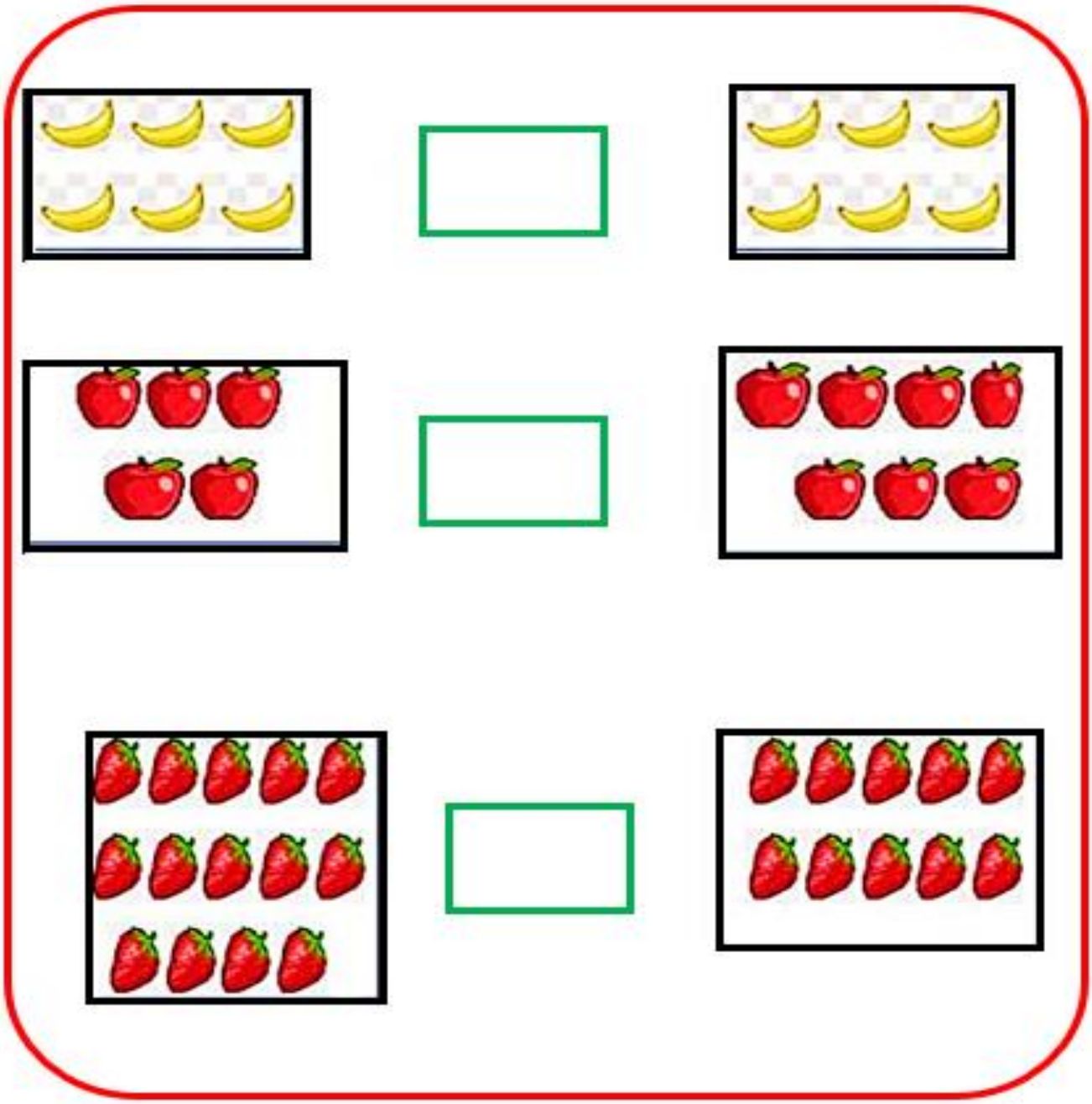






Worksheet (7)

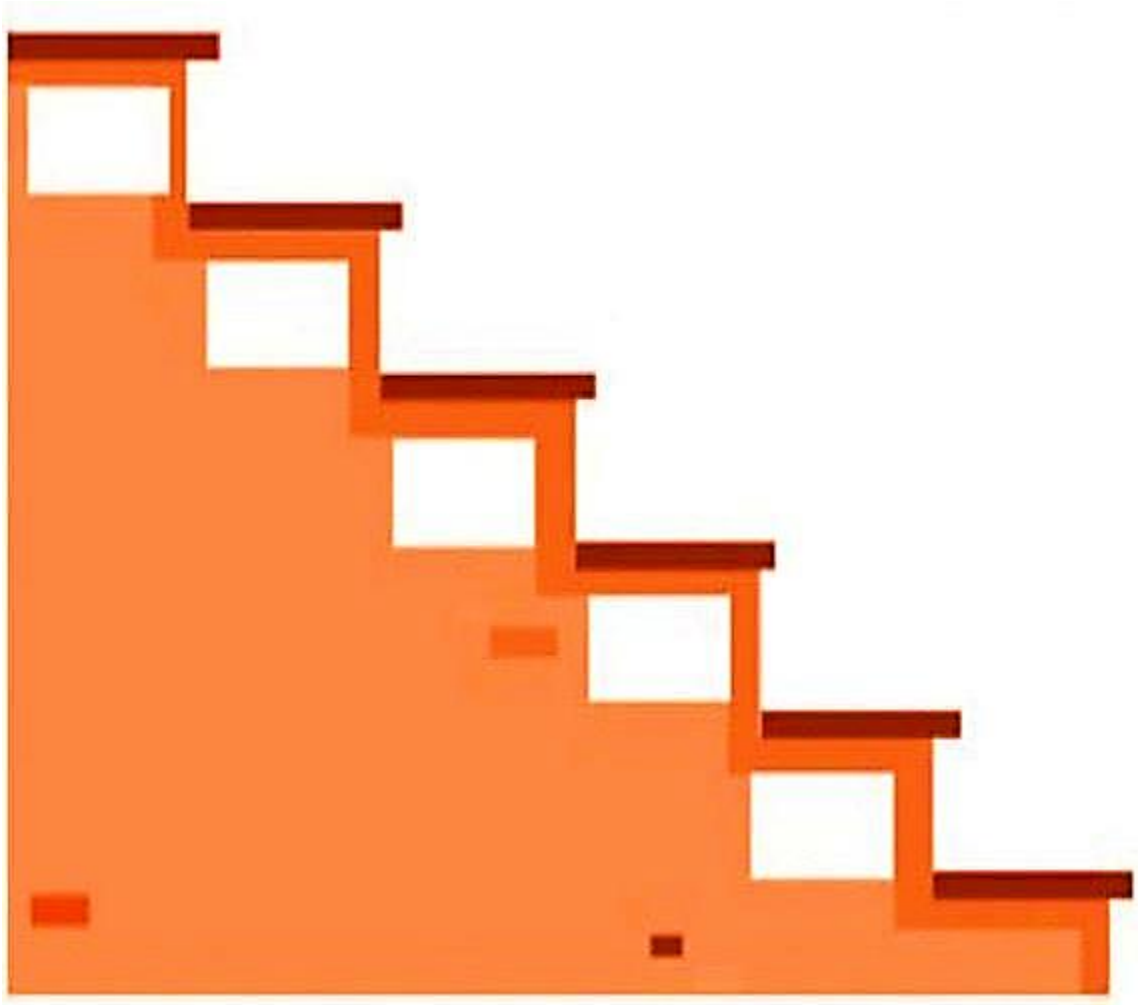
Motivating groups to do the worksheet by Writing the sign >, < or = in the blank according to the given number in the basket.



Worksheet (8)

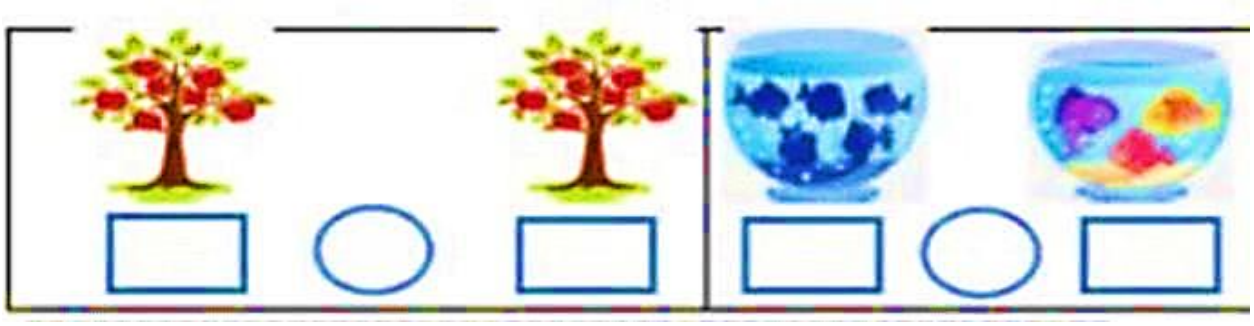
Arrange the following numbers on the numbers' ladder in an increasing order.

291	230	245	213	277

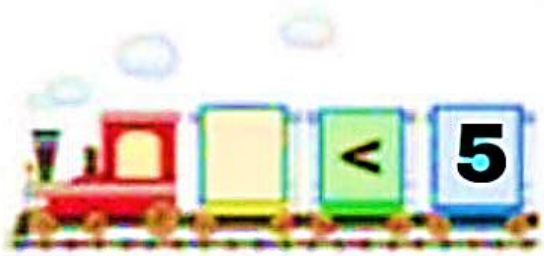


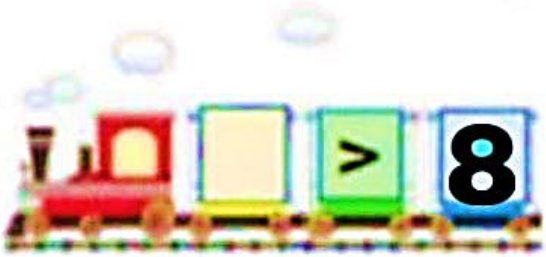
Worksheet (9)

Q1) Let`s write the number of the elements then put the sign >, < or =

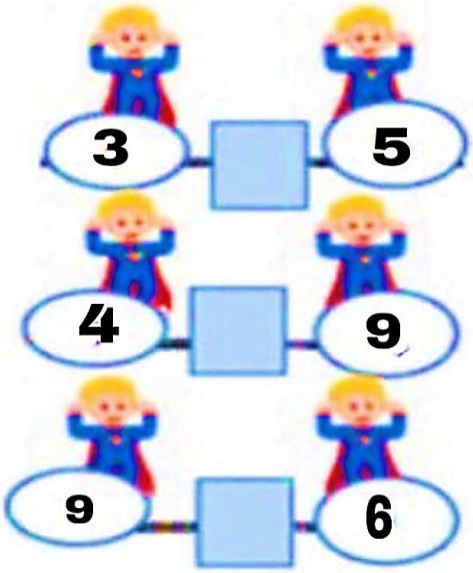


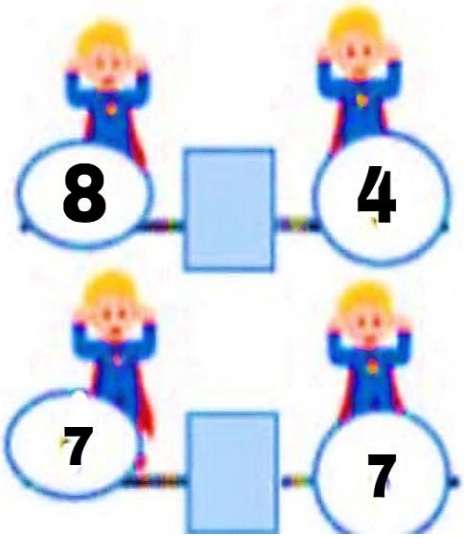
Q2) Let`s write the suitable number to make the statement is true:





Q3) The heroes of math think …… , compare …… then put >, < or =:





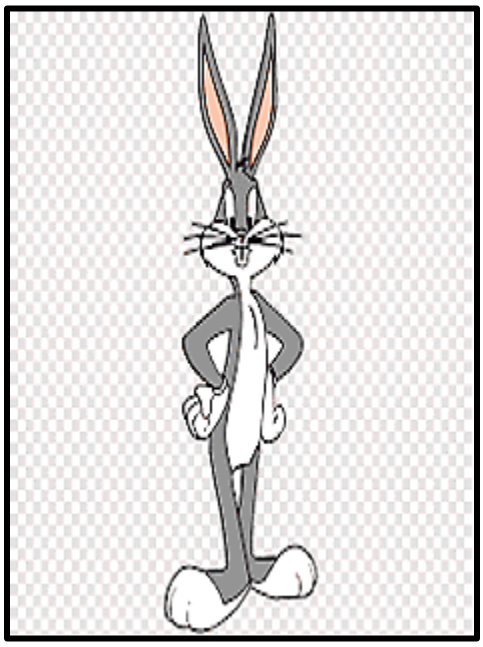
Worksheet (10)

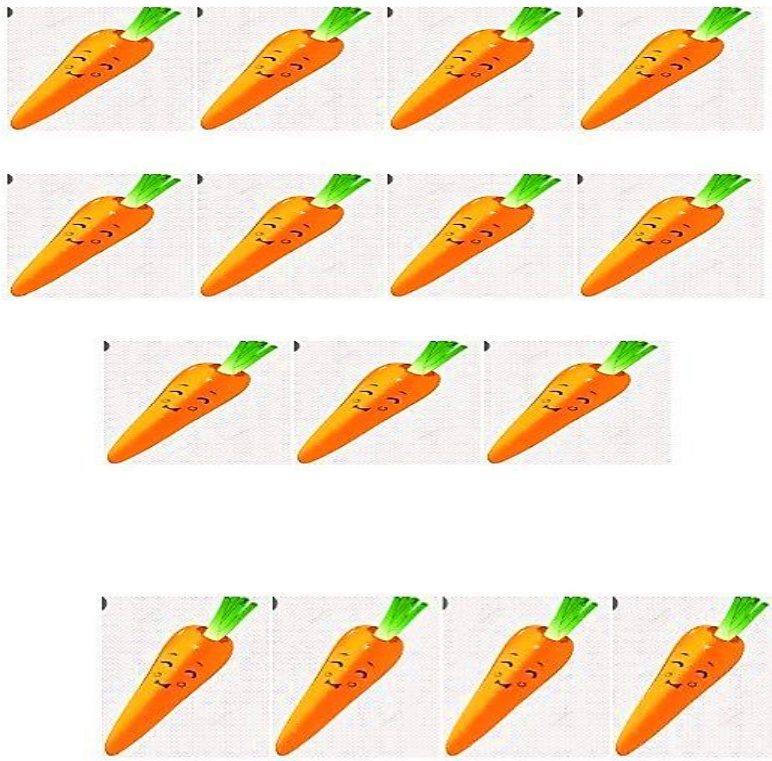
Choose the correct sign.

91 ◯ 41	48 ◯ 51	74 ◯ 47
> = <	> = <	> = <
50 ◯ 37	53 ◯ 53	63 ◯ 36
> = <	> = <	> = <
86 ◯ 82	33 ◯ 45	56 ◯ 63
> = <	> = <	> = <
48 ◯ 84	78 ◯ 87	15 ◯ 15
> = <	> = <	> = <
90 ◯ 99	90 ◯ 10	29 ◯ 92
> = <	> = <	> = <

Worksheet (11)

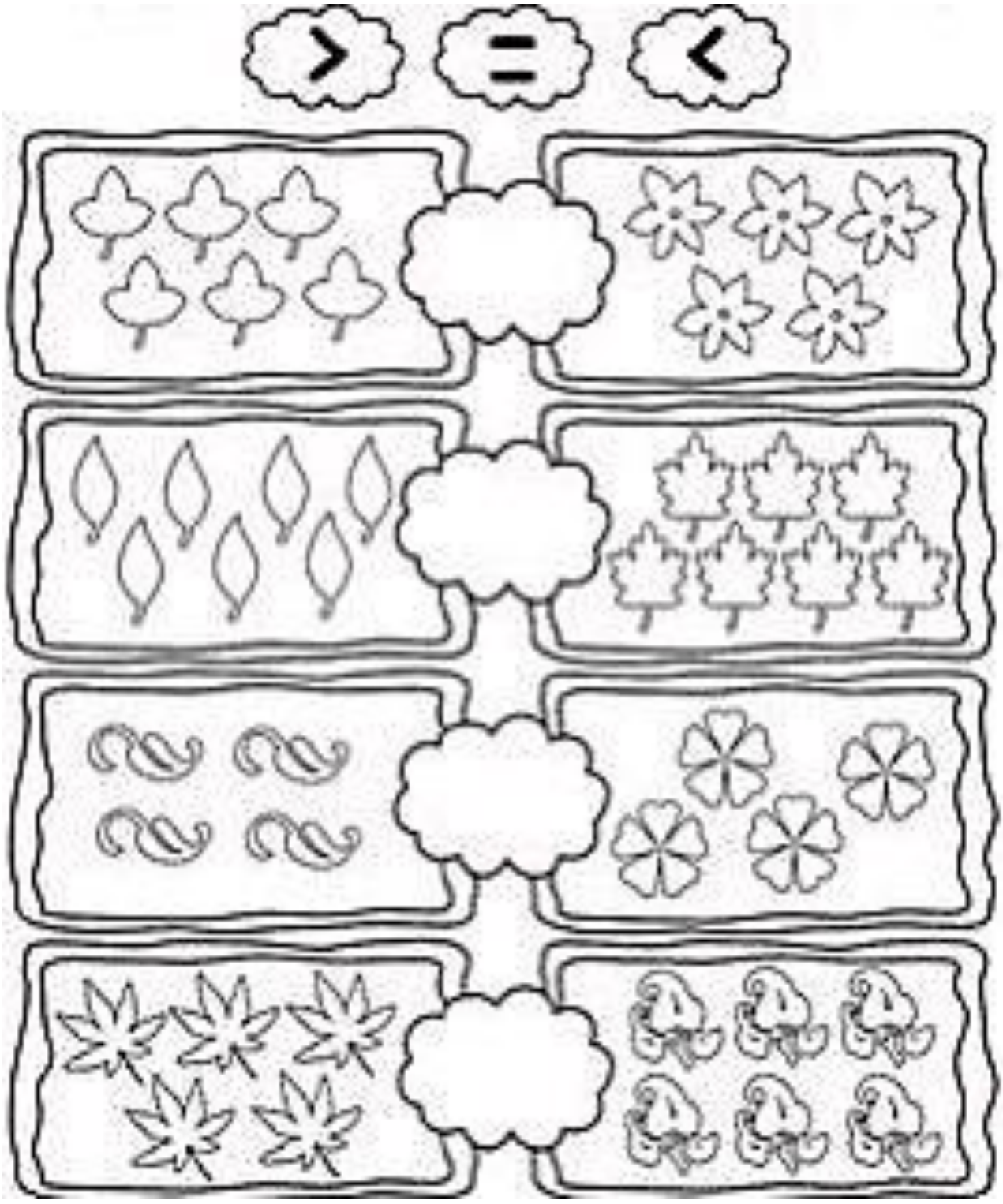
Distribute the carrots between the rabbits then, circle the rabbit that he owns the greater number of carrots.





Worksheet (12)

Dear student, put the suitable sign in the suitable place

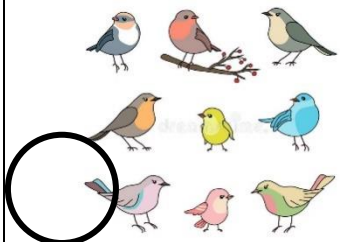


Worksheet (13)

- **My dear student, let`s write the following signs with a good handwriting**

<	<	=

Let`s start to count then compare

- **Let`s put the sign > , < or = in the circle ◯**

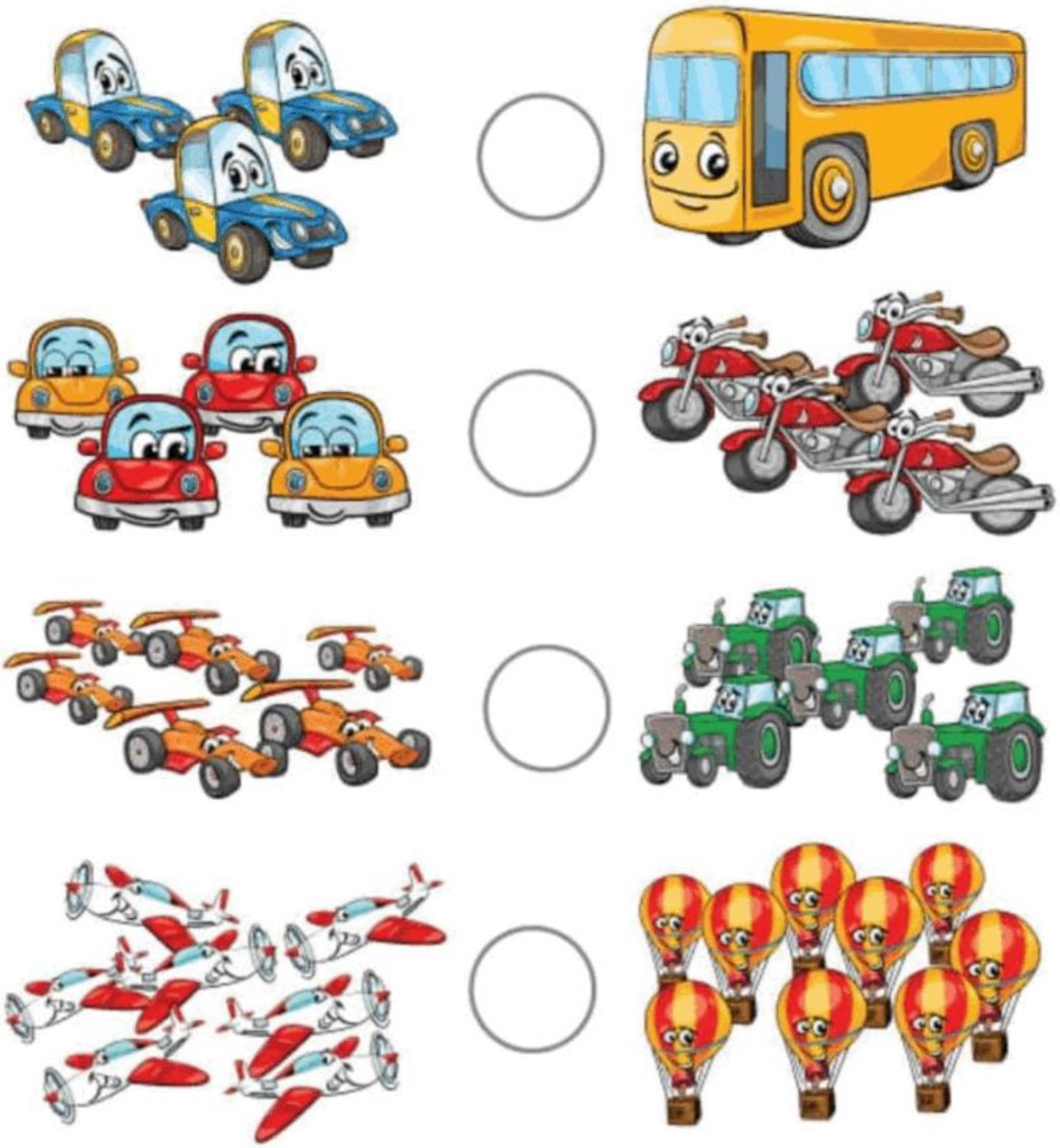
7 ◯ 5 **6 ◯ 9**

9 ◯ 3 **4 ◯ 8**

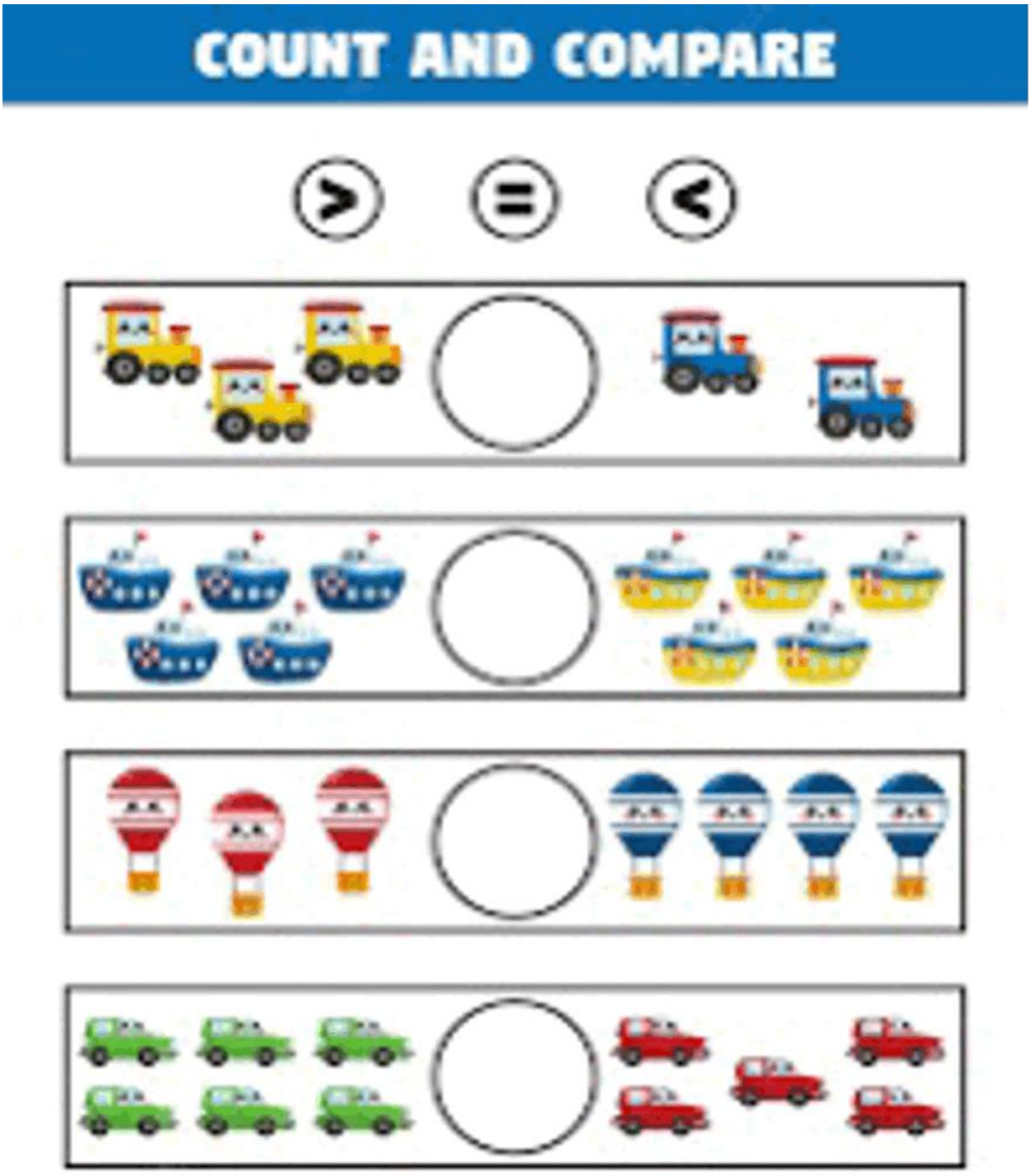
2 ◯ 2 **2 ◯ 6**

Worksheet (14)

Dear students put >, < or in the circle.



Worksheet (15)



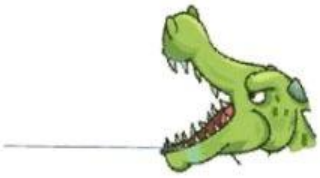
Worksheet (16)

Write the appropriate number:

7  _____

_____  6

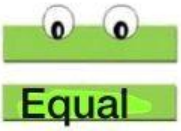
_____  5

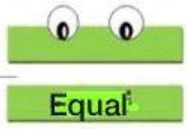
_____  9

_____  0

8  _____

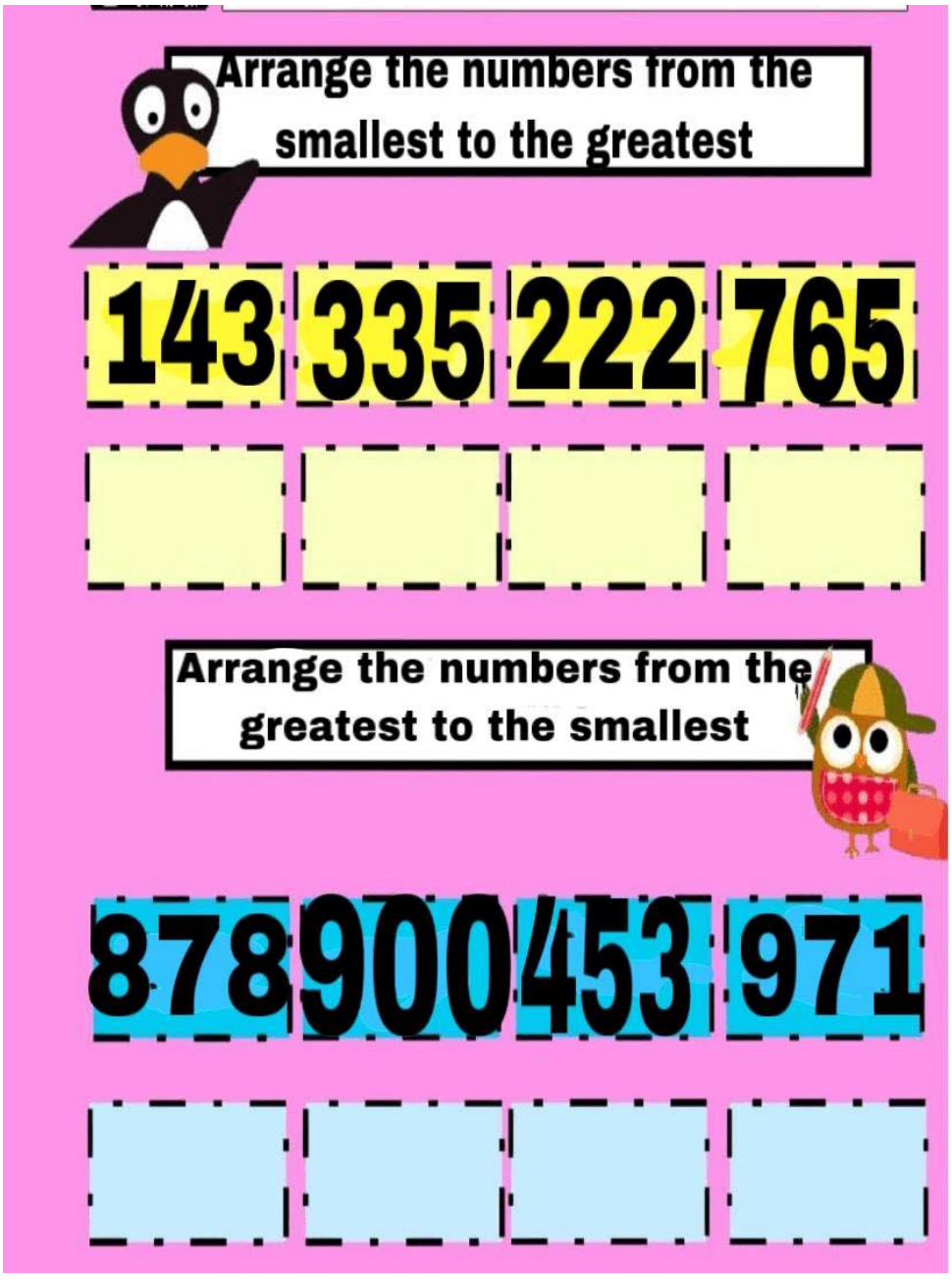
1  _____

_____  3

_____  10

_____  4

Worksheet (17)



Worksheet (18)

Dear student, arrange the numbers in an increasing order:

Worksheet (19)

Q1) Arrange 467; 647; 476; 764; 674; 746 in a decreasing order.

a- 674; 746; 764; 476; 467; 647

b- 674; 746; 764; 467; 476; 647

c- 764; 746; 674; 647; 476; 467

d- 746; 674; 764; 476; 467; 647

Q2) These numbers are arranged from the smallest to the greatest:

238,142 ----------, ----------, 688, ----------, 968.

Use these numbers (722; 544; 355) to fill in the blanks.

a- 355; 544; 722

b- 722; 355; 544

c- 355; 722; 544

d- 722; 544; 355

Q3) Arrange the numbers: (137; 541; 757; 218; 463) in an increasing order

a- 137; 218; 463; 541; 757

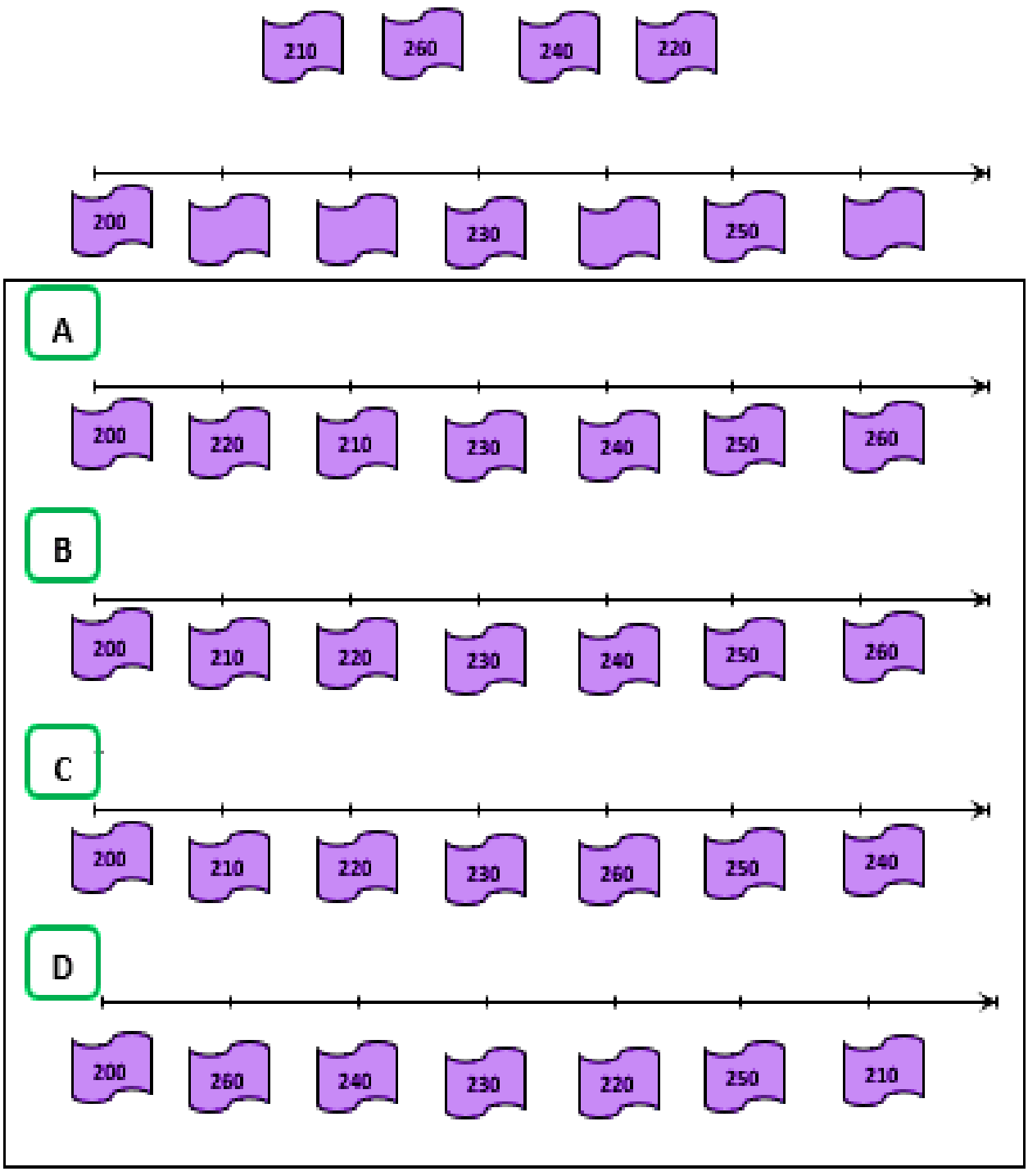
b- 757; 541; 463; 218; 137

c- 757; 137; 218; 541; 463

d- 137; 218; 514; 757; 463

Worksheet (20)

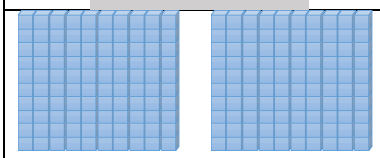
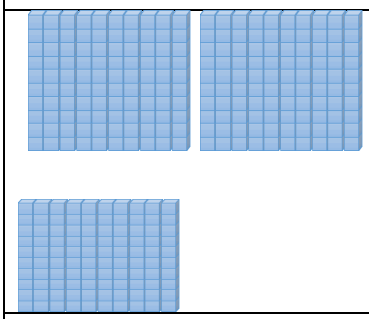
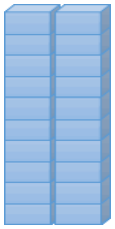
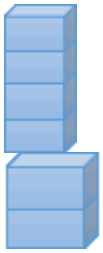
Place the following cards on the number line.



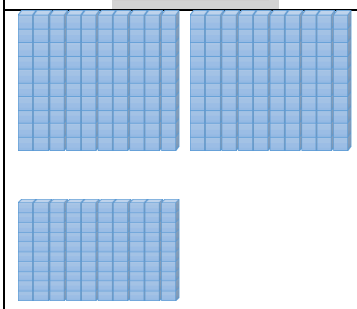
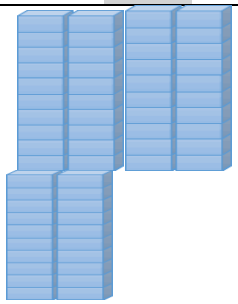
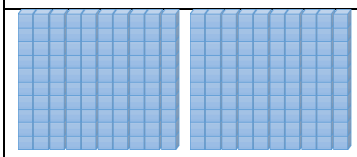
Topic (4)

Addition of two numbers up to 999

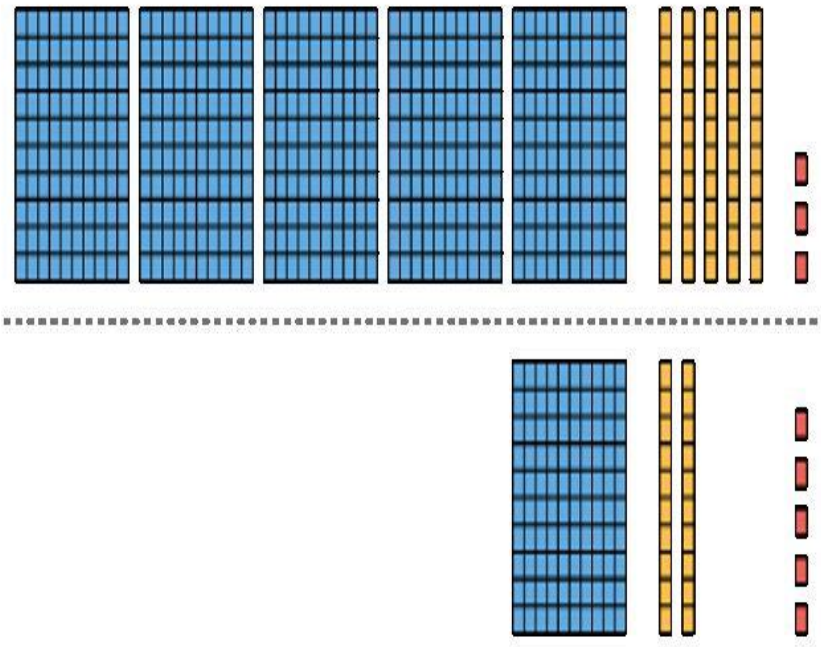
Worksheet (1)

Hundreds	Tens	Ones
		
		

Hundreds	Tens	Ones
2	4	2
+ 3	2	6

Hundred	Tens	Ones
		
		

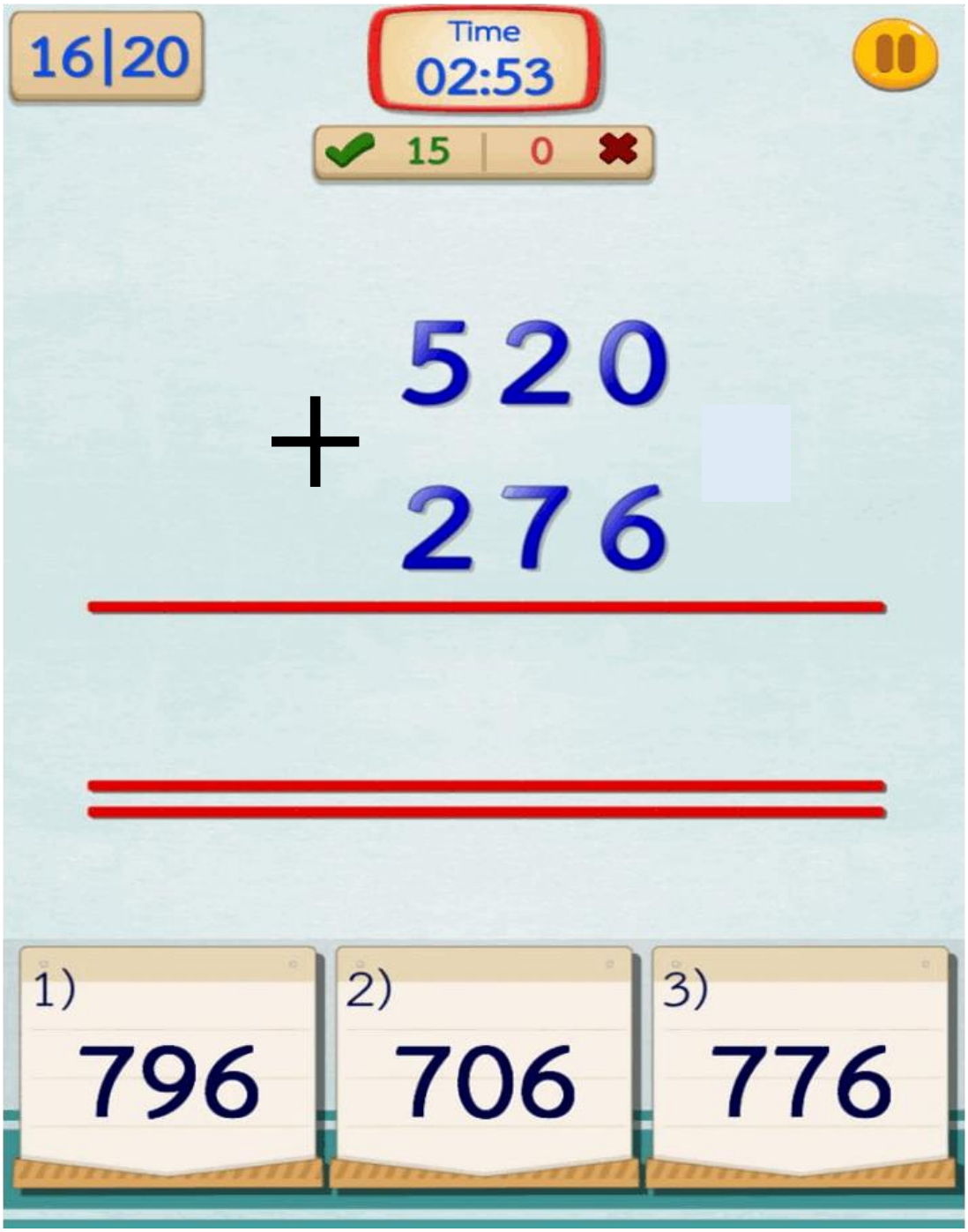
Hundreds	**Tens**	**Ones**
3	**6**	**2**
+ 2	**0**	**0**



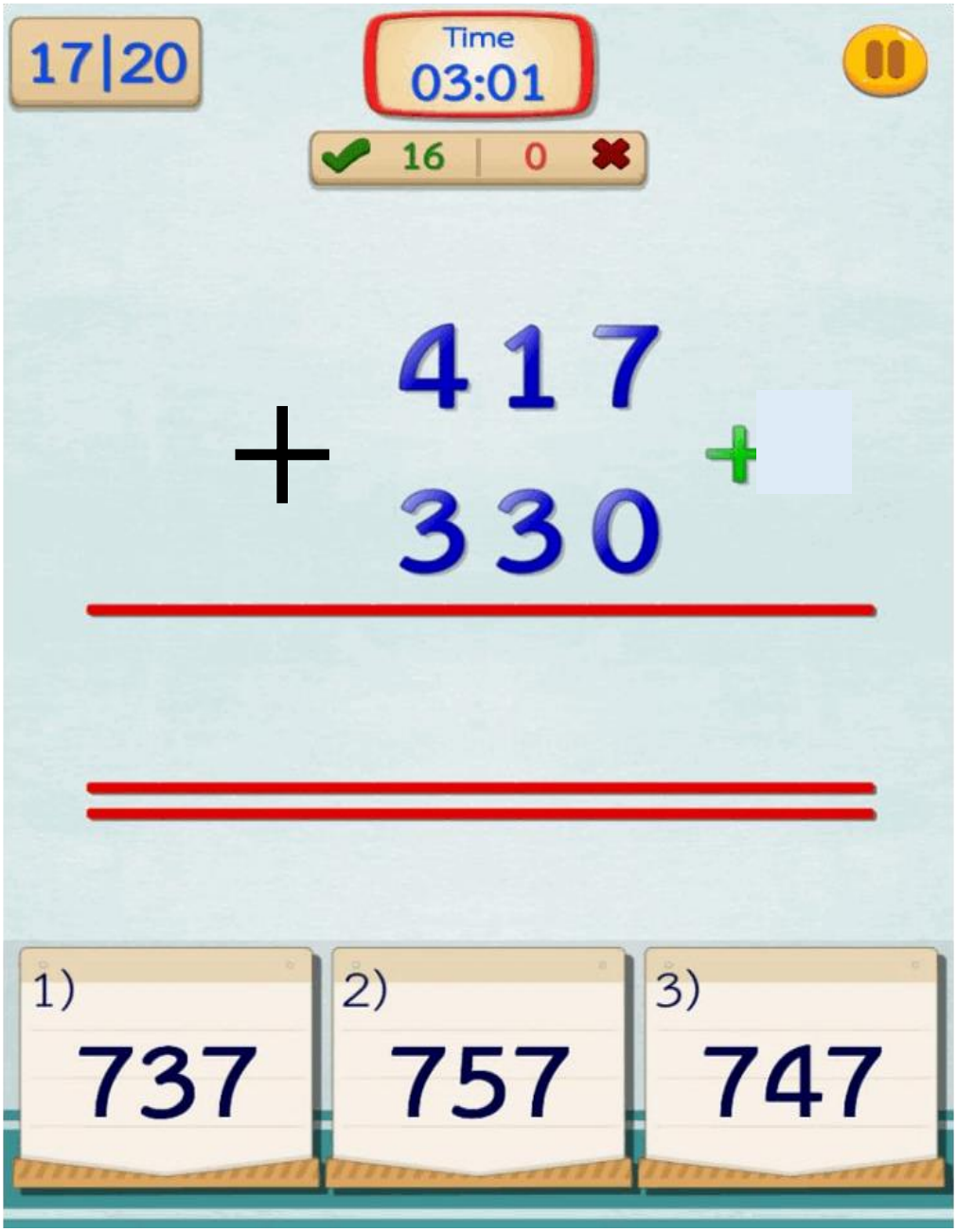
$$\begin{array}{r} 553 \\ +125 \\ \hline \end{array}$$

Worksheet (2)

(A)

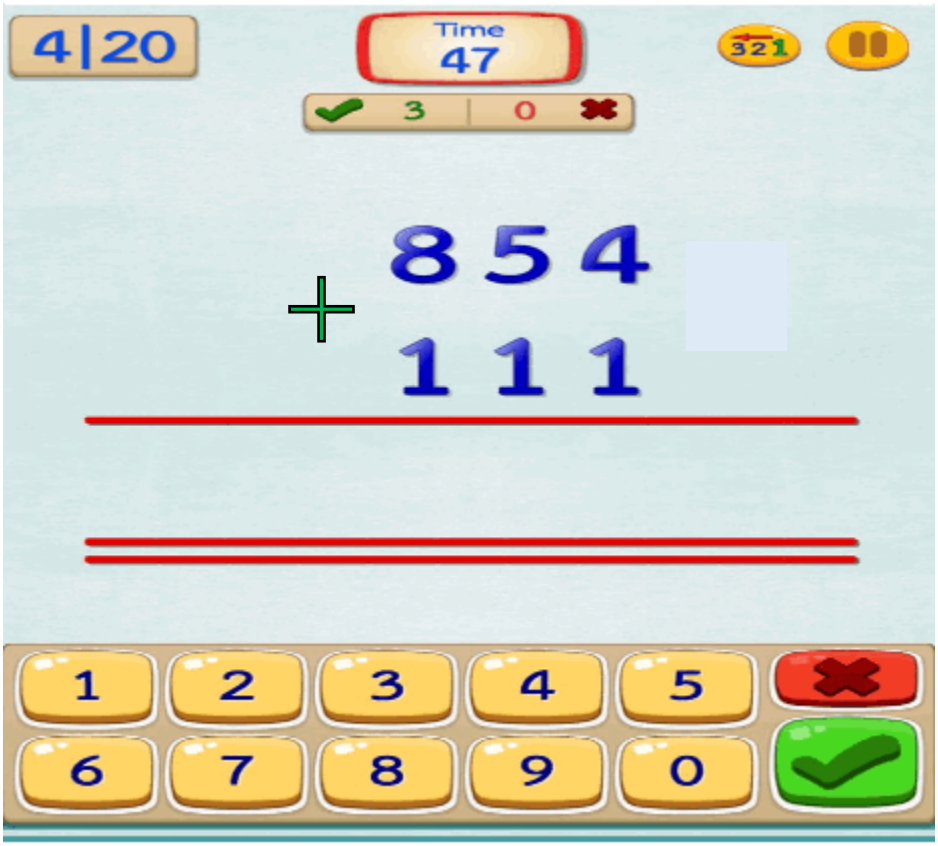


(B)

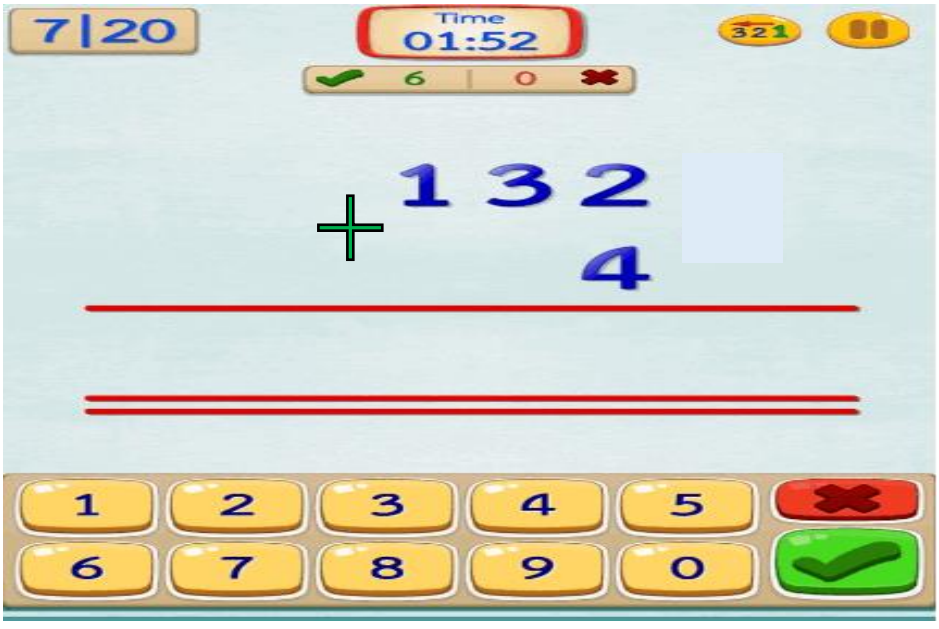


Worksheet (3)

(A)

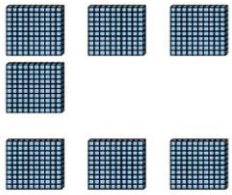
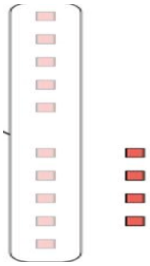


(B)



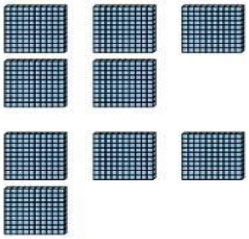
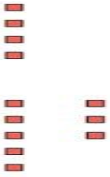
Worksheet (4)

(A)

Hundreds	Tens	Ones
		

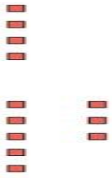
$$\begin{array}{r} 4\ 2\ 5 \\ +\ 3\ 6\ 9 \\ \hline \end{array}$$

(B)

Hundreds	Tens	Ones
		

$$\begin{array}{r} 5\ 4\ 4 \\ +\ 4\ 3\ 8 \\ \hline \end{array}$$

(C)

Hundreds	Tens	Ones
		

$$\begin{array}{r} 2\ 6\ 6 \\ +\ 5\ 4\ 7 \\ \hline \end{array}$$

Worksheet (5)

(A)

Hundreds	Tens	Ones
 5 + 2	 1 1 4	 8 2

(B)

Hundreds	Tens	Ones
 6 + 2	 6 1	 8 2

(C)

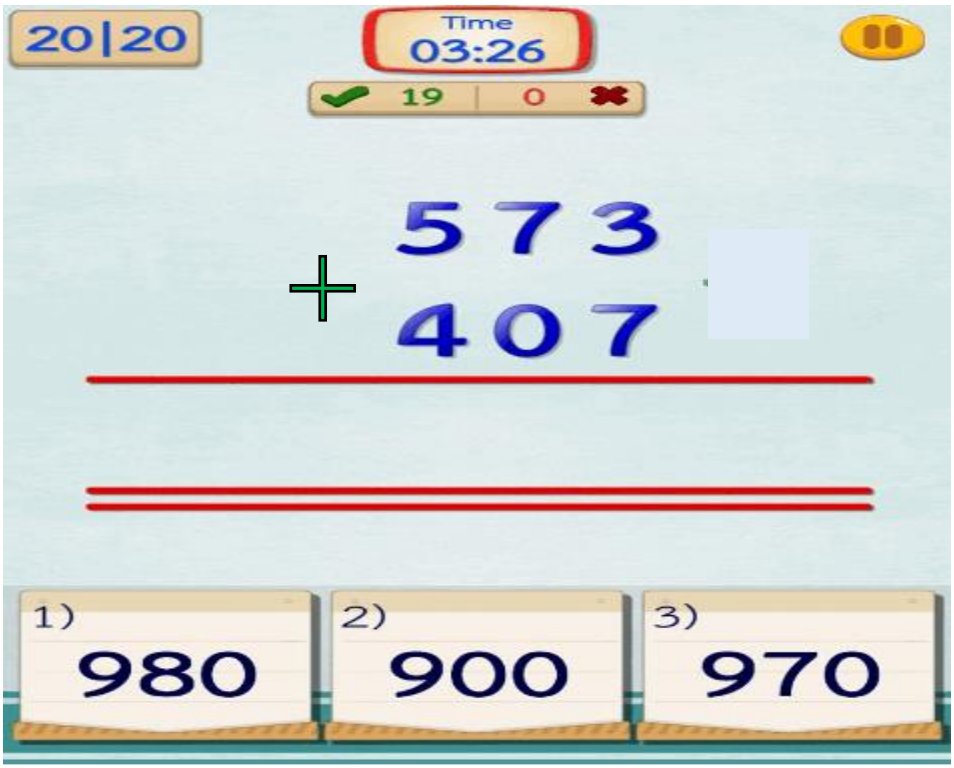
Hundreds	Tens	Ones
 1 + 5	 2 5	 7 9

(D)

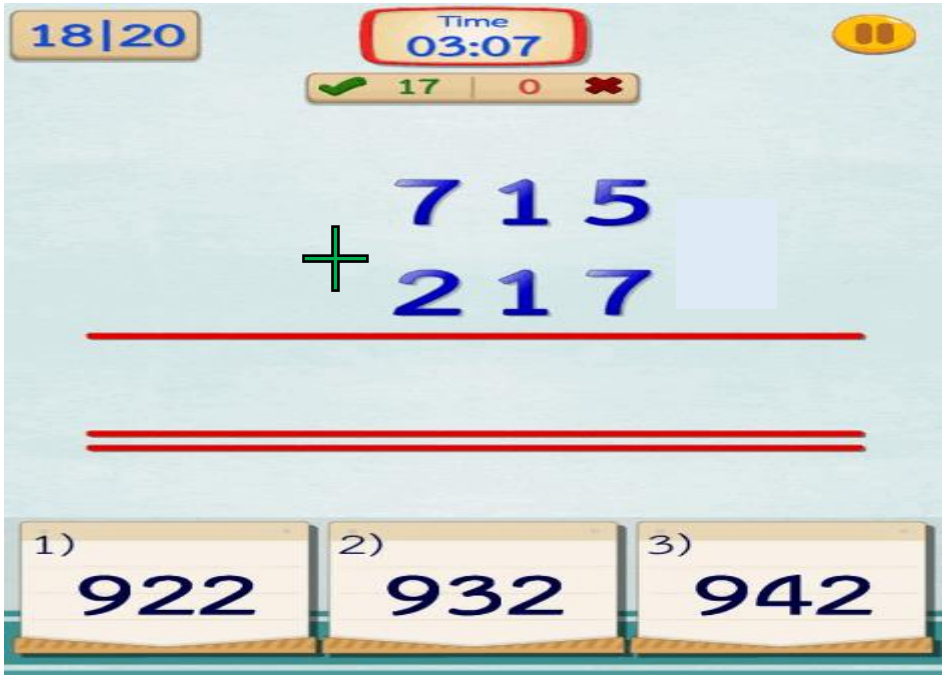
Hundreds	Tens	Ones
 3 + 6	 4 1	 5 7

Worksheet (6)

(A)

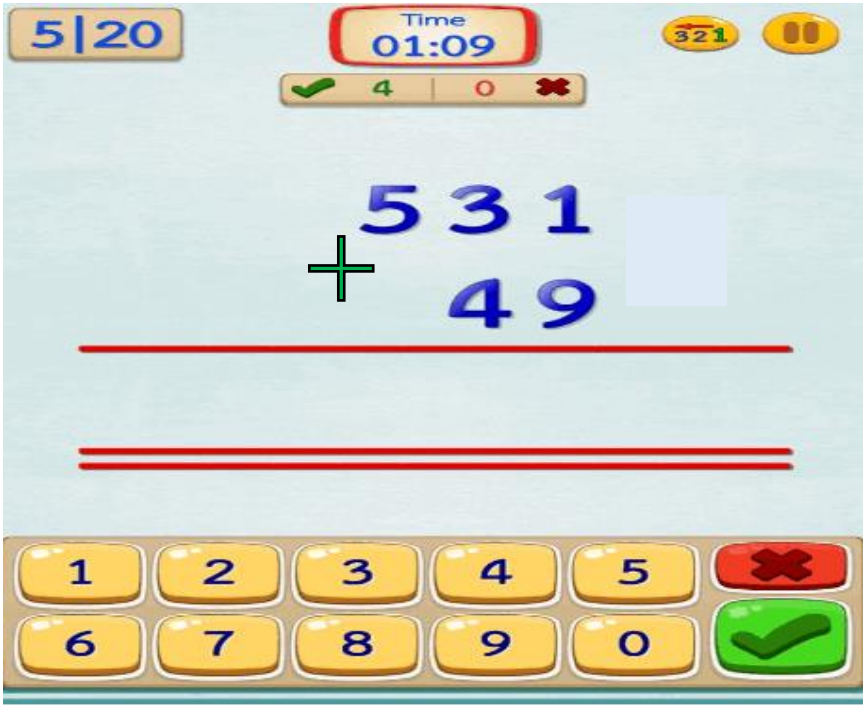


(B)

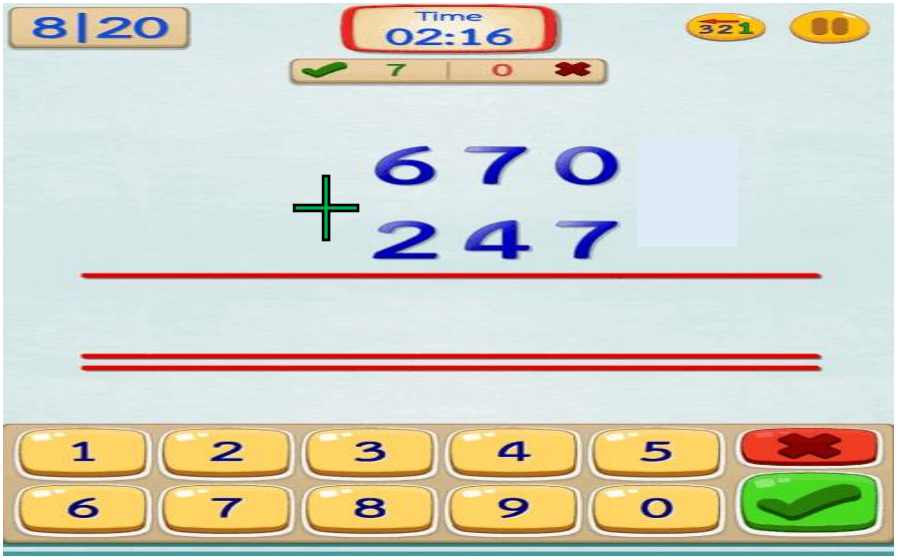


Worksheet (7)

(A)



(B)



Worksheet (8)

Add mentally.

Add mentally by using the sum of the two previous numbers.

- 407 + 305 =
- 706 + 203 =

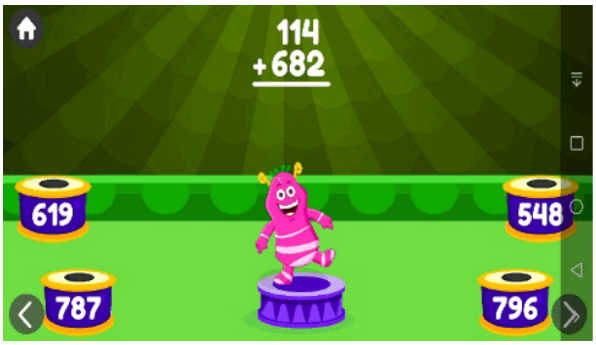
Add by using sequence strategy.

- 189 + 175 =
- 148 + 373 =

Worksheet (9)

(A)

(B)



(C)

Worksheet (10)

(A)

(B)

(C)

Worksheet (11)

(A)

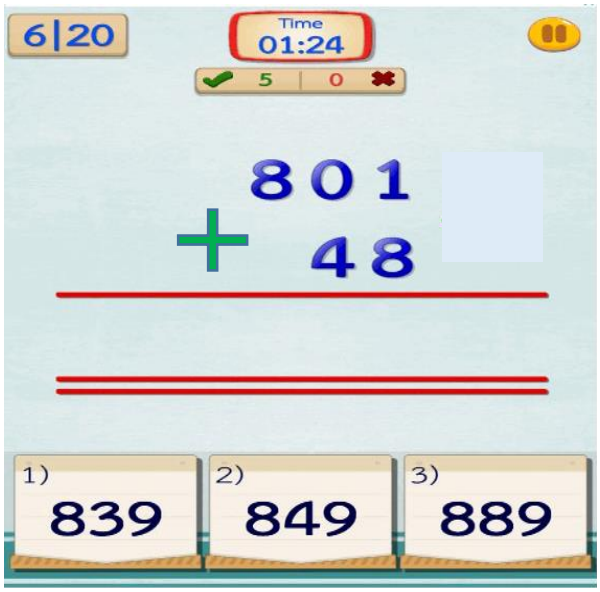
(B)

(C)

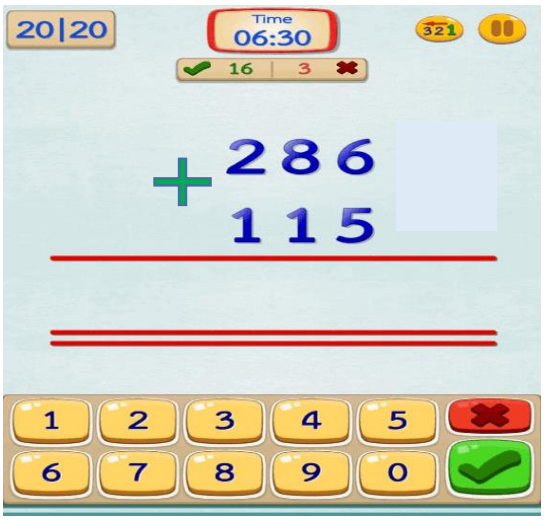
Extra Worksheet (1)

Count:

(A)

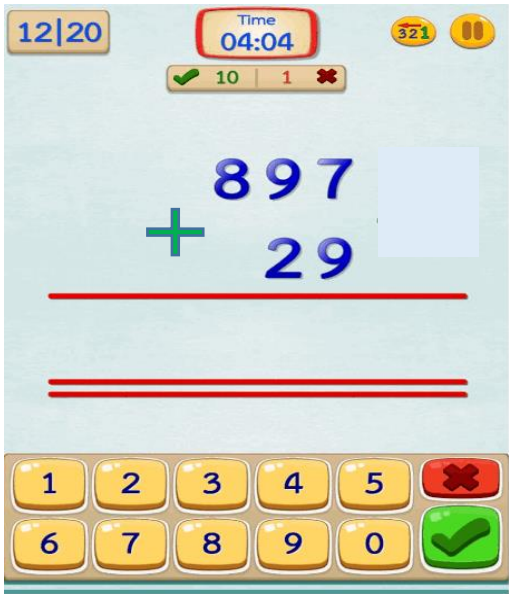


(B)



Extra Worksheet (2)

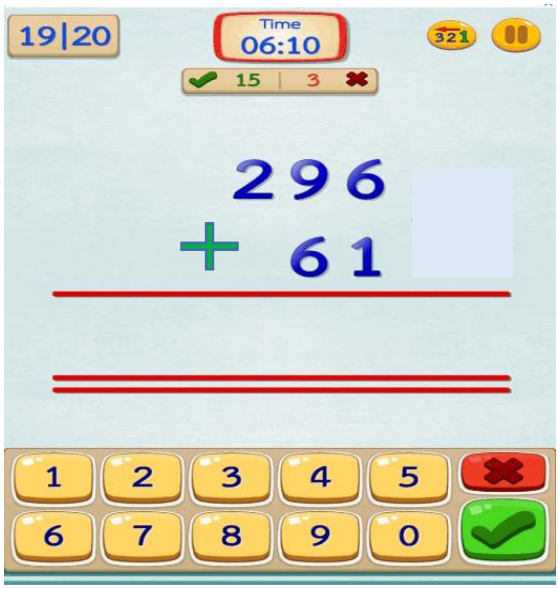
(A)



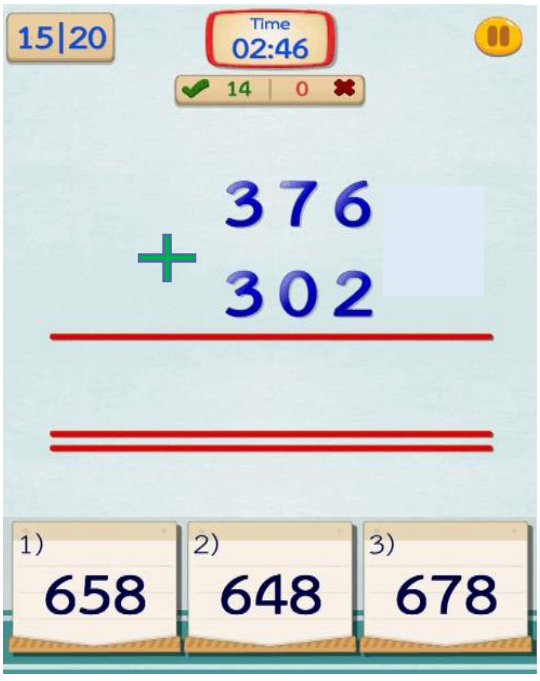
(B)

Extra Worksheet (3)

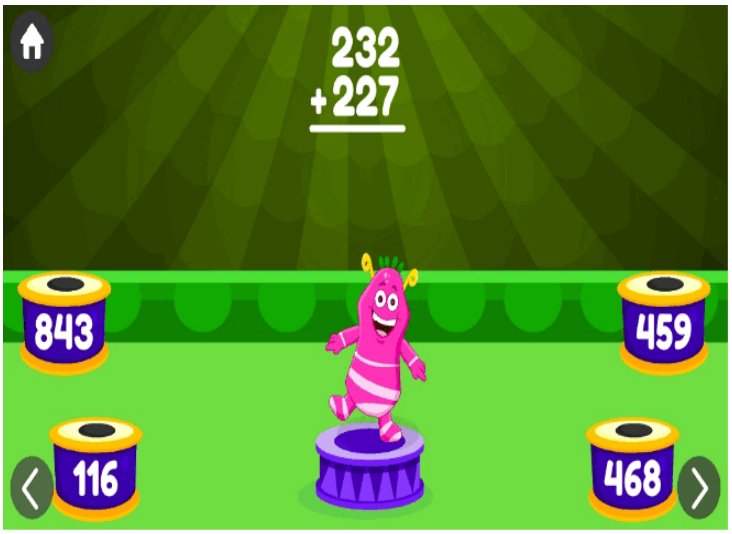
(A)

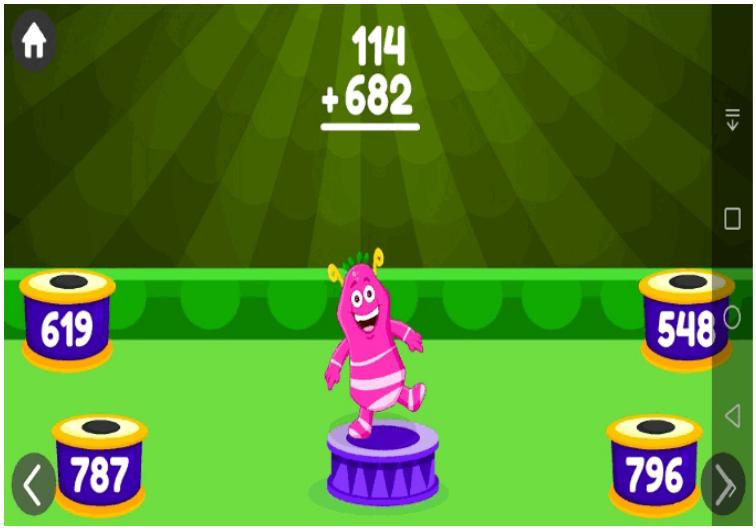


(B)

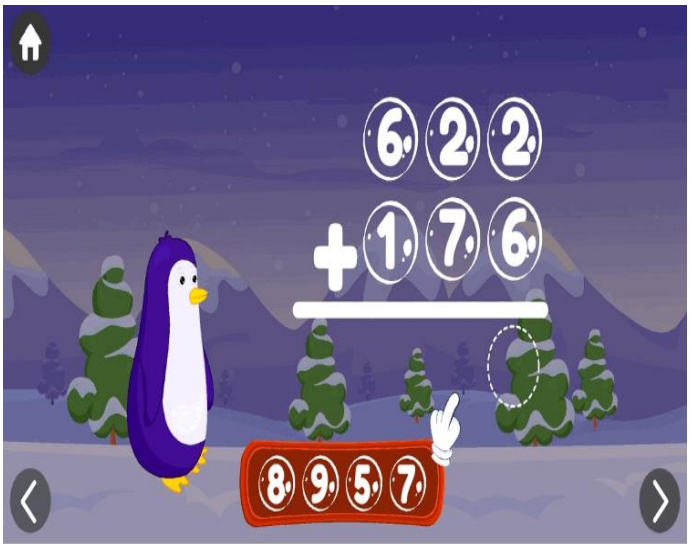


Extra Worksheet (4)



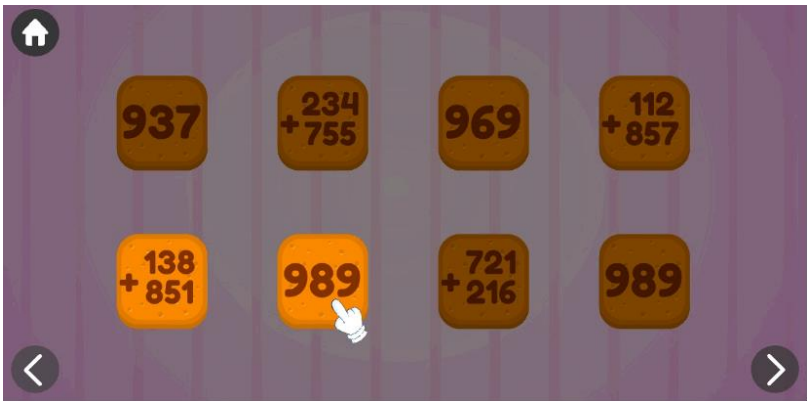


Extra Worksheet (5)

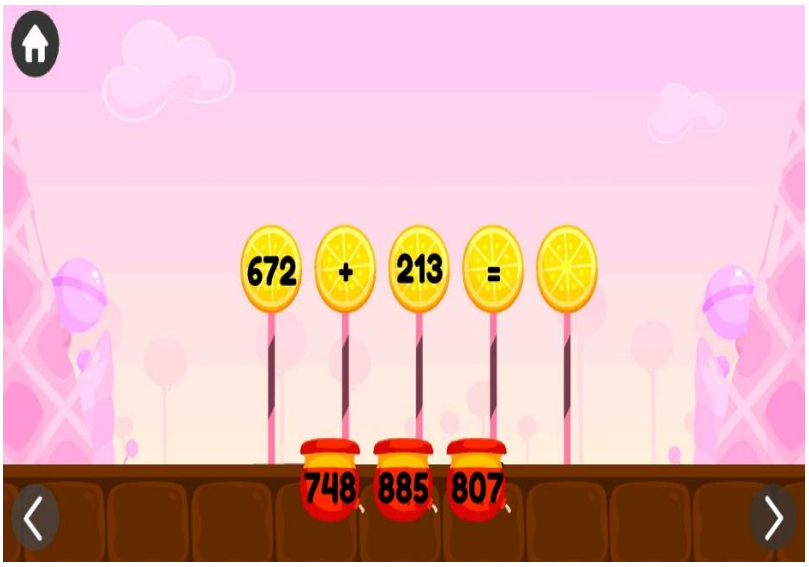


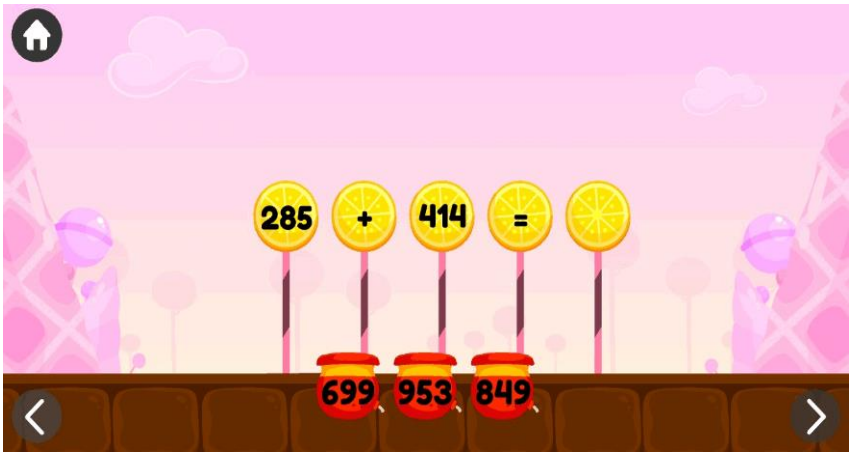
Extra Worksheet (6)

Match:-

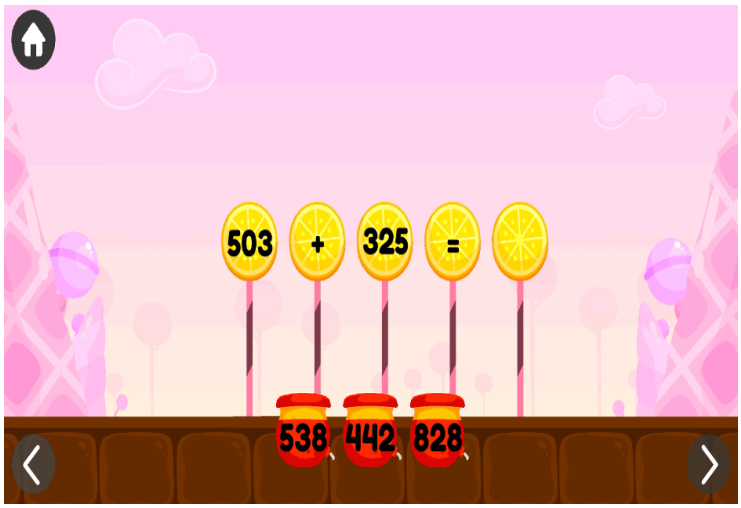


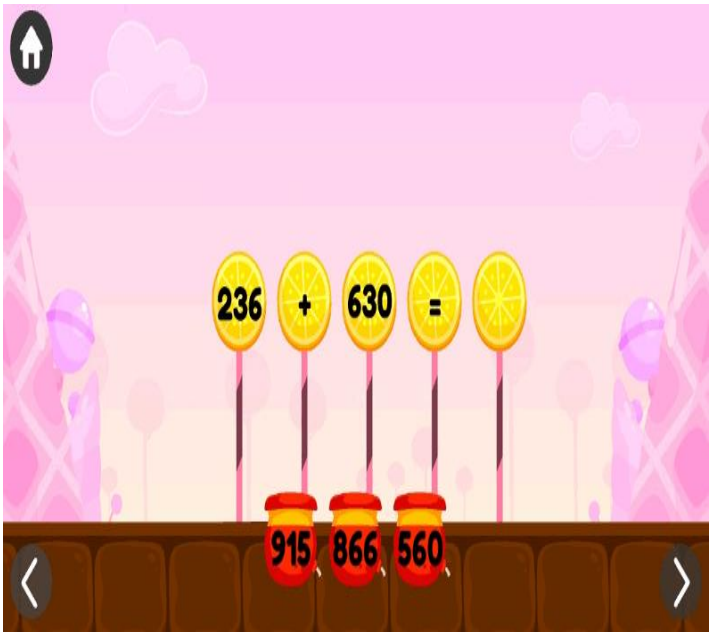
Extra Worksheet (7)





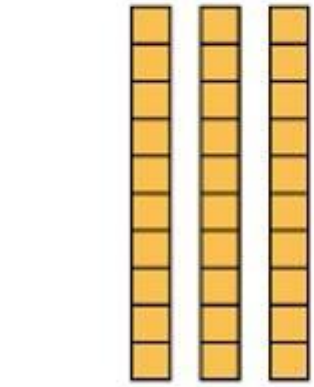
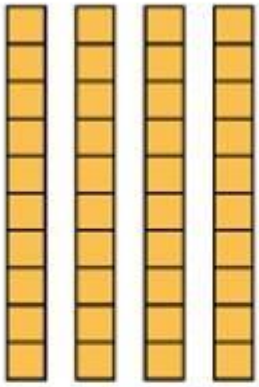
Extra Worksheet (8)





Extra Worksheet (9)

➢ Use the place value table to get the sum.

Tens	Ones
	
	

3 4

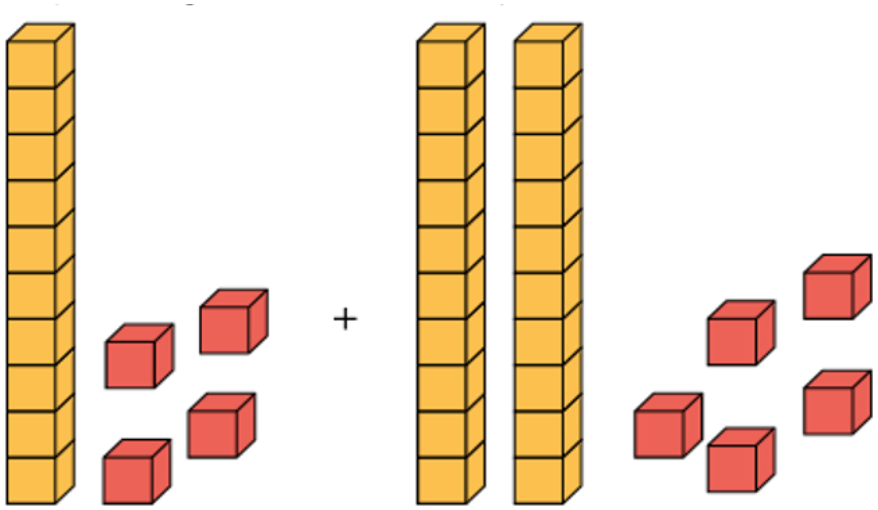
+ 4 5

_____

Worksheet (10)

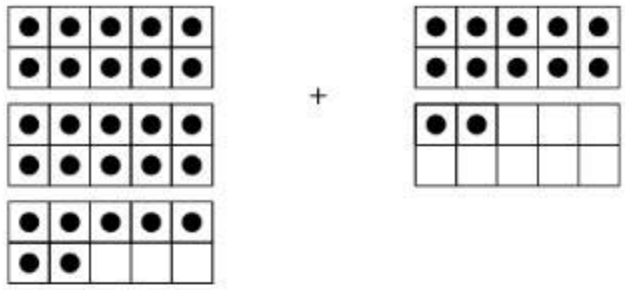
- **Write the appropriate equation of addition.**
- **Then find the sum.**

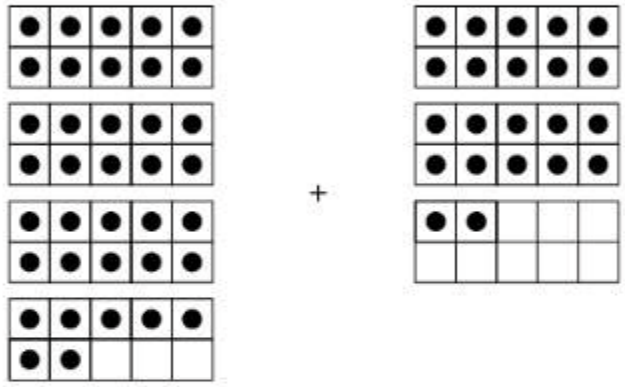
Tens	Ones	Tens	Ones
1	4	2	5

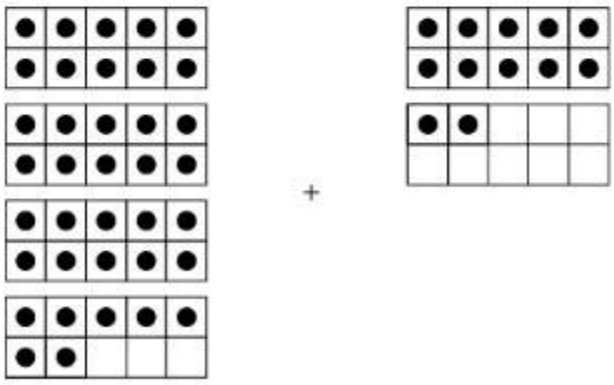


Extra Worksheet (11)

- **Which of the following figures represents: 37+12= -------**

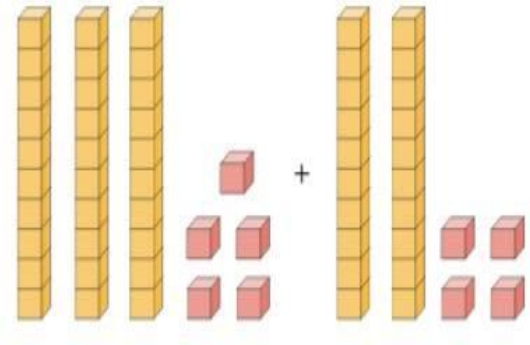




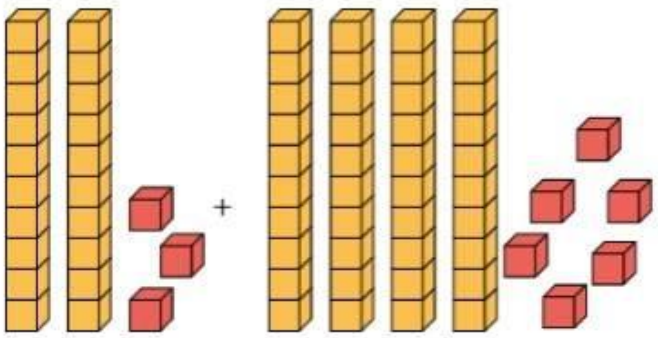


Extra Worksheet (13)

- **Complete to find the sum of the following.**



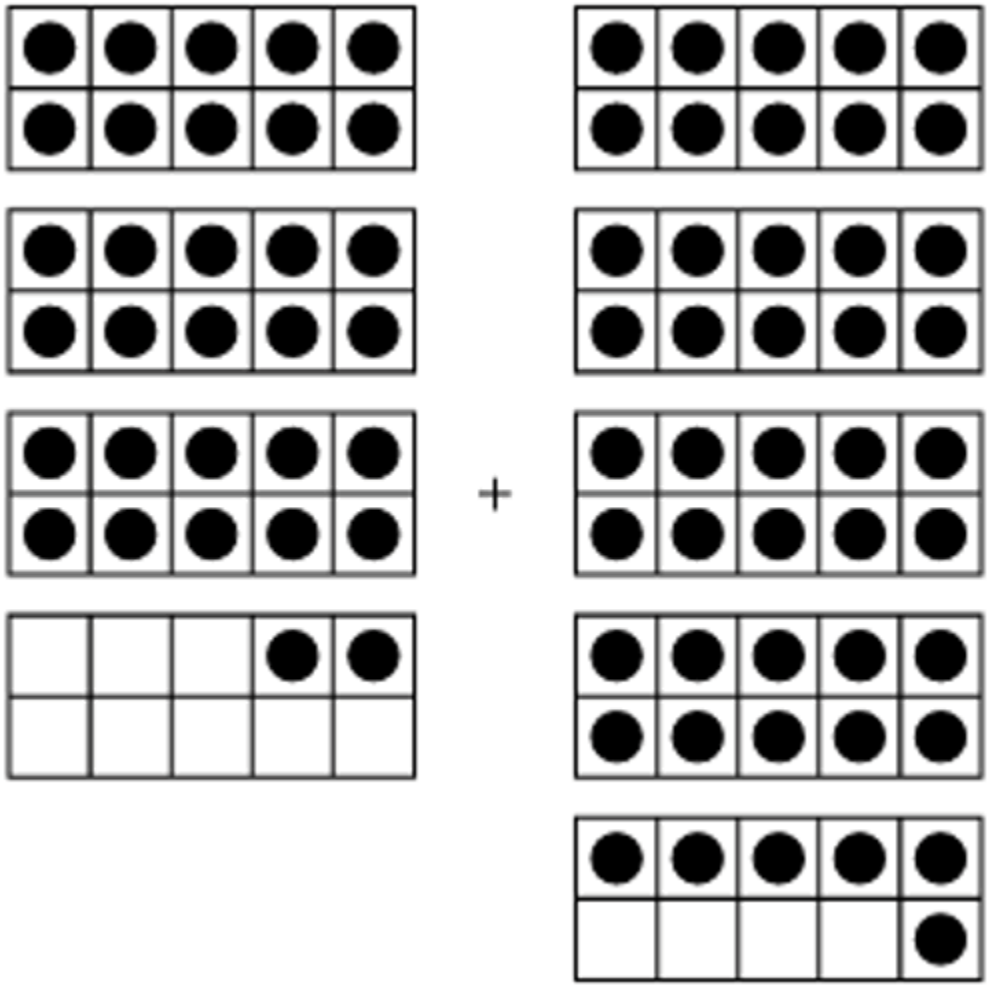
- --------- + --------- = ----------



- --------- + --------- = ----------

Extra Worksheet (15)

- **Use the figure below to add these two numbers.**



Extra Worksheet (16)

- **Find the sum in each the following.**

1) 20 + 11 = ----------

2) 44 + 23 = ----------

3) Forty-five + 45 = ----------

4) 67 + 12 = ----------

5) 30 + 41 = ----------

Worksheet (17)

- **Complete**

1) 10 + -------- = 15

2) -------- + -------- = 25

3) 27 + -------- = 34

4) --------- + 14 = 20

5) 15 + 10 = 10 + ---------

Worksheet (18)

- **Complete:**

1) $\begin{array}{r} 3\square\square \\ +\ \square\ 4\ 8 \\ \hline 4\ 6\ 9 \end{array}$

2) $\begin{array}{r} 5\square 3 \\ +\ 1\ 4\ \square \\ \hline \_\_\ 5\ 5 \end{array}$

3) $\begin{array}{r} \square\ 4\ 4 \\ +\ 2\ \square\ 3 \\ \hline 5\ 6\ \_\_ \end{array}$

4) $\begin{array}{r} \square\ 6\ \square \\ +\ 1\ 2\ 3 \\ \hline 5\ \_\_\ 1 \end{array}$

5) $\begin{array}{r} \square\ 2\ \square \\ +\ 2\ \square\ 7 \\ \hline 8\ 6\ 6 \end{array}$

6) $\begin{array}{r} \square\ 7\ 1 \\ +\ 2\ 5\ \square \\ \hline 6\ \_\_\ 4 \end{array}$

7) $\begin{array}{r} \square\ 0\ 9 \\ +\ 1\ \square\ 4 \\ \hline 3\ 8\ \_\_ \end{array}$

8) $\begin{array}{r} 7\square 3 \\ +\ 5\ 7\ \square \\ \hline 1\ \_\_\ 8\ 5 \end{array}$

9) $\begin{array}{r} \square\ 4\ \square \\ +\ 3\ 0\ 2 \\ \hline 1\ 1\ \_\_\ 8 \end{array}$

Worksheet (19)

- **Find the sum, as in the example**

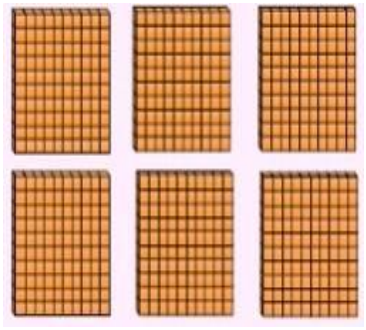
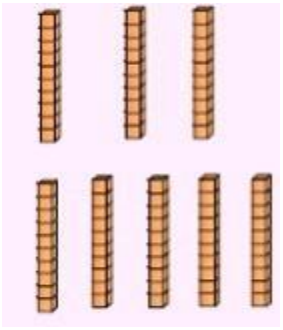
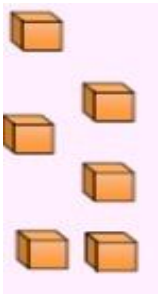
1) 278 + 153 = 431	2) 437 + 248 =	3) 179 + 253 =	4) 520 + 286 =
5) 379 + 56 =	6) 647 + 206 =	7) 716 + 221 =	8) 576 + 328 =
9) 342 + 437 =	10) 589 + 45 =	11) 289 + 176 =	12) 547 + 326 =
13) 473 + 268 =	14) 298 + 337 =	15) 708 + 156 =	16) 683 + 74 =
17) 573 + 264 =	18) 697 + 218 =	19) 449 + 55 =	20) 308 + 439 =
21) 276 + 354 =	22) 317 + 652 =	23) 575 + 385 =	24) 761 + 156 =

Topic (5)

Subtracting of two numbers up to 999

Worksheet (1)

- **Subtract: 686 – 321 = ----------**

Hundreds	Tens	Ones
		
The difference =		

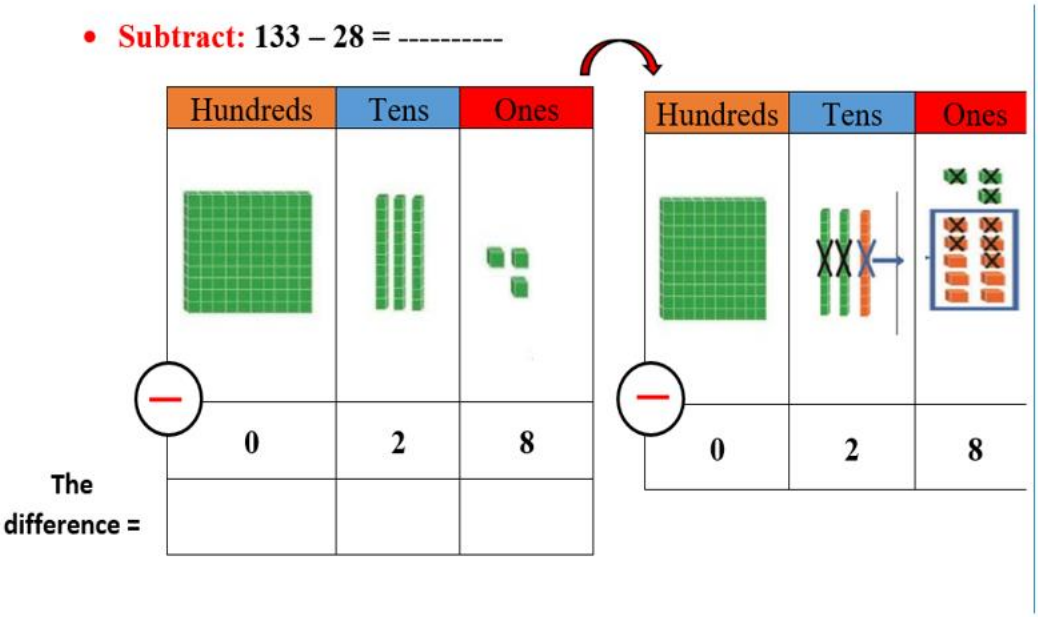
Extra Worksheet (2)

- **Subtract:** 879 – 532 = ----------

	Hundreds	Tens	Ones
	8	7	9
The difference	5	3	2

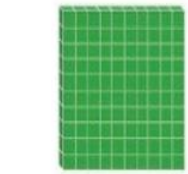
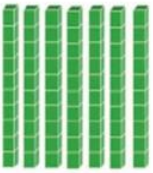
Worksheet (3)

- **Subtract:** 133 – 28 = ----------

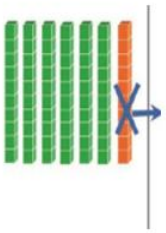


Worksheet (4)

- **Subtract: 175 – 66 = --------**

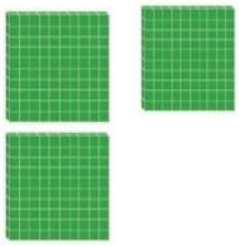
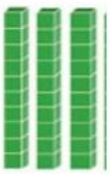
Hundreds	Tens	Ones
		
0	6	6

The difference =

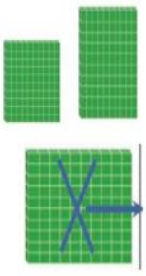
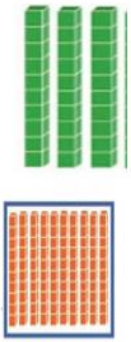
Hundreds	Tens	Ones
		
0	6	6

Worksheet (5)

- **Subtract: 338 – 146 = --------**

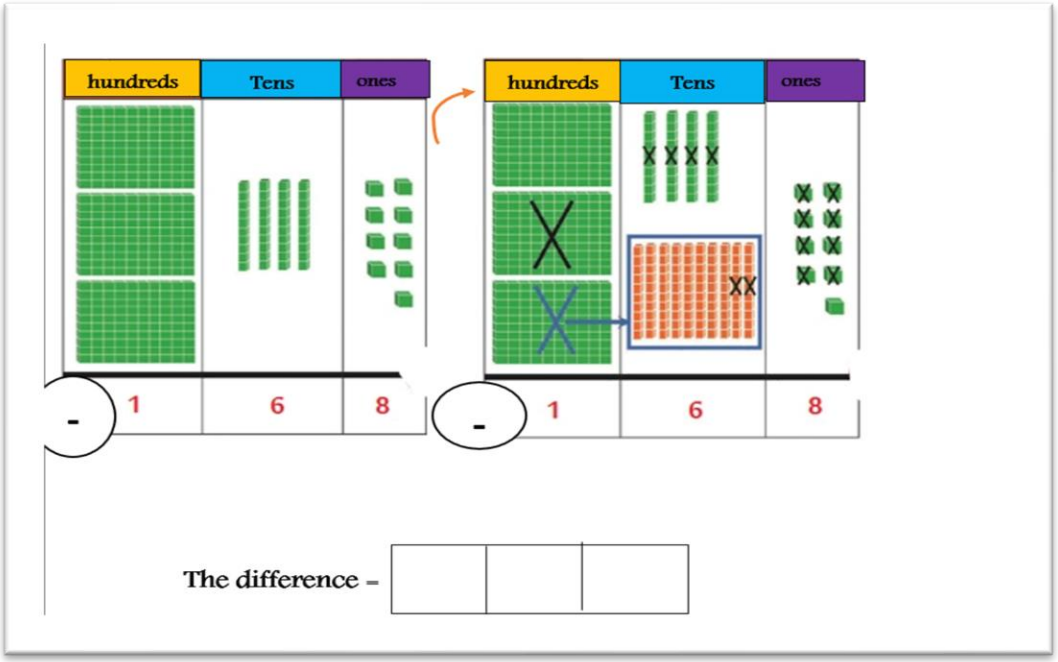
Hundreds	Tens	Ones
		
1	4	6

The difference =

Hundreds	Tens	Ones
		
1	4	6

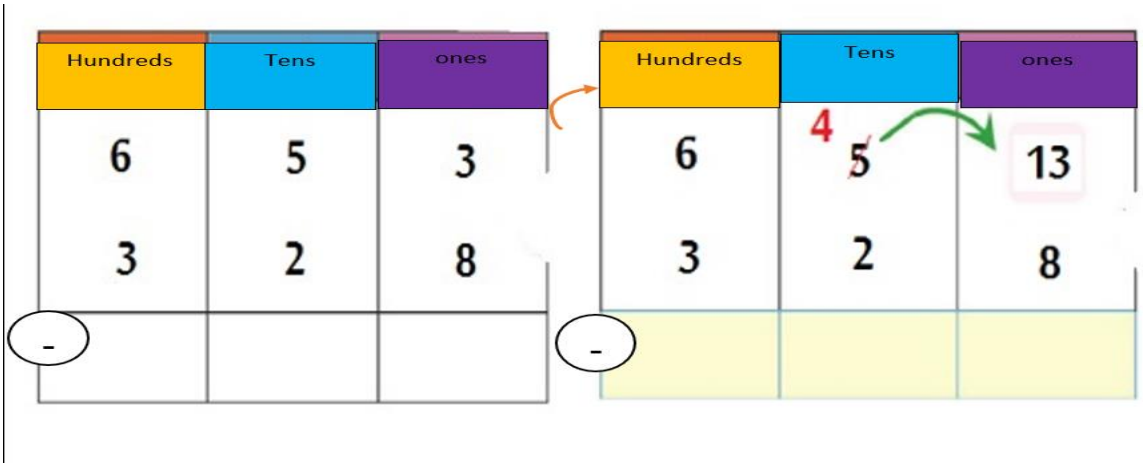
Worksheet (6)

Subtract: 349 – 168 = ……



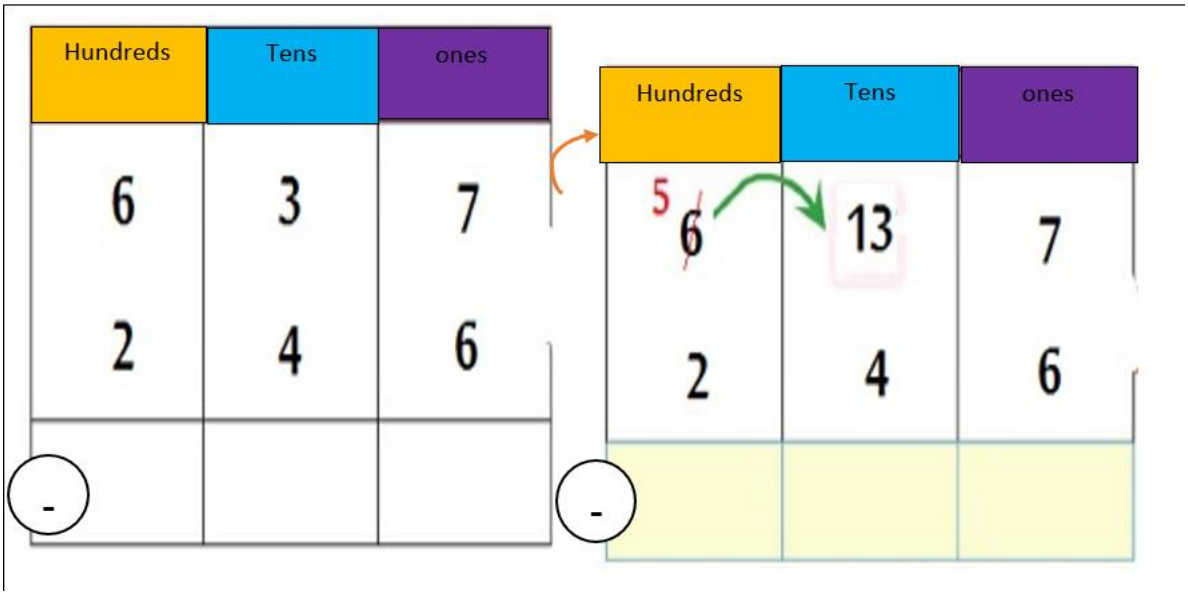
Worksheet (7)

subtract: 653 – 328 = ……

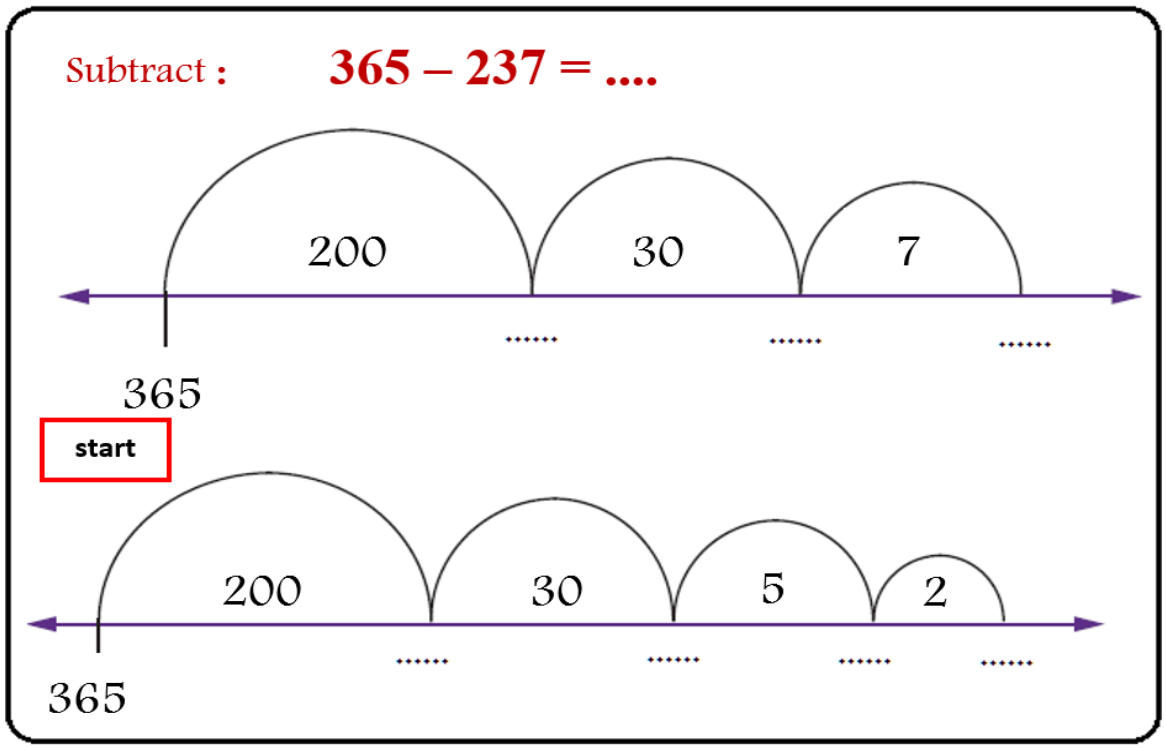


Worksheet (8)

Subtract: 637 – 246 = ……

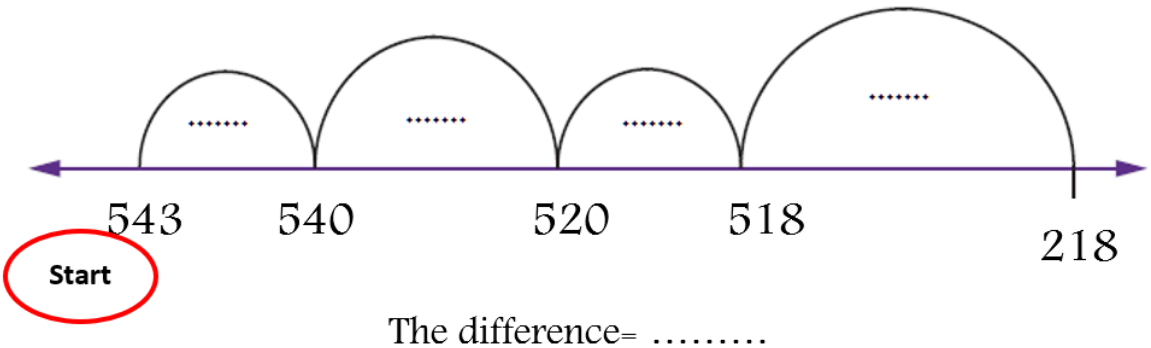


Worksheet (9)



Worksheet (10)

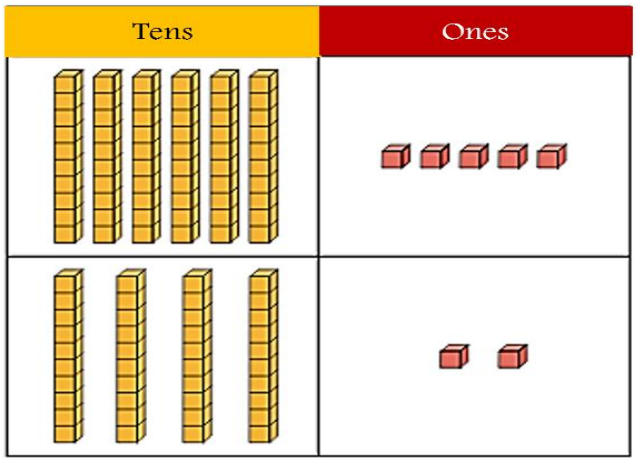
Subtract : **543 – 218 = ...**



The difference= .....

Worksheet (11)

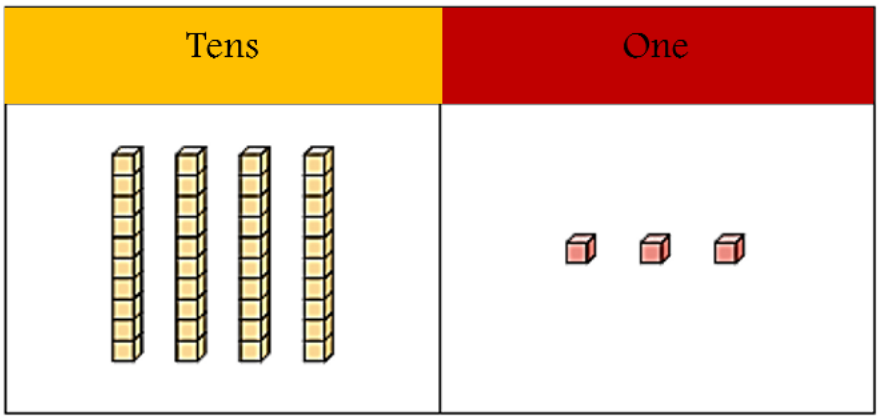
By using The following model to subtract 65 From 25:



$$\begin{array}{r} 65 \\ -\ 42 \\ \hline \end{array}$$

Worksheet (12)

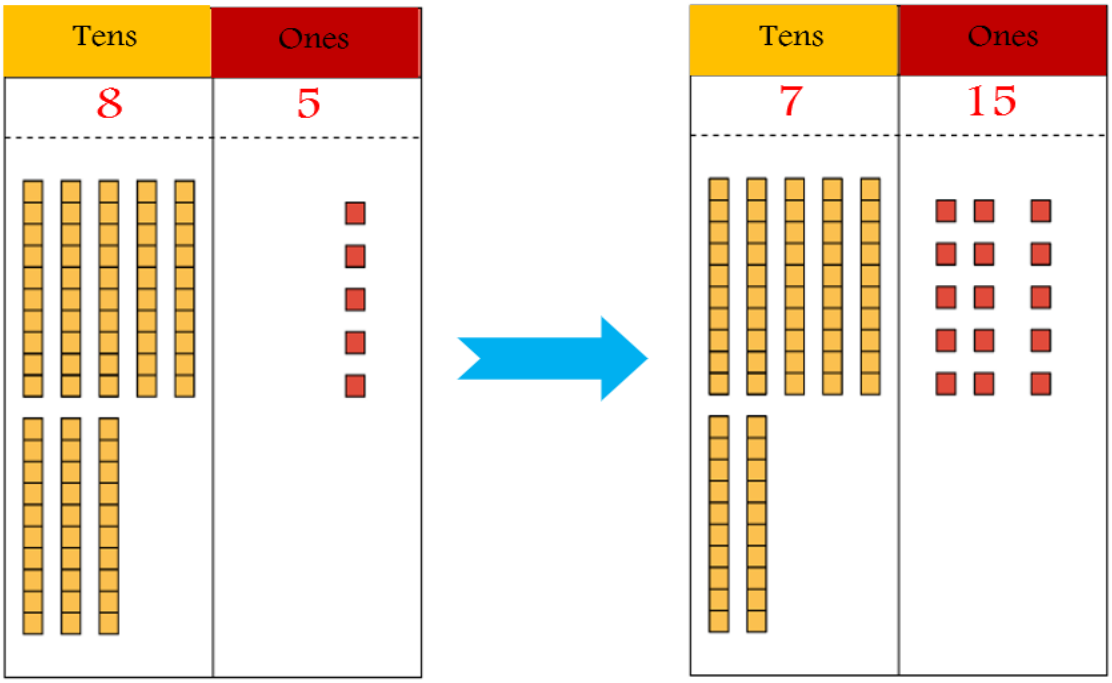
Use the following model (by canceling) to practice students on subtracting mentally.



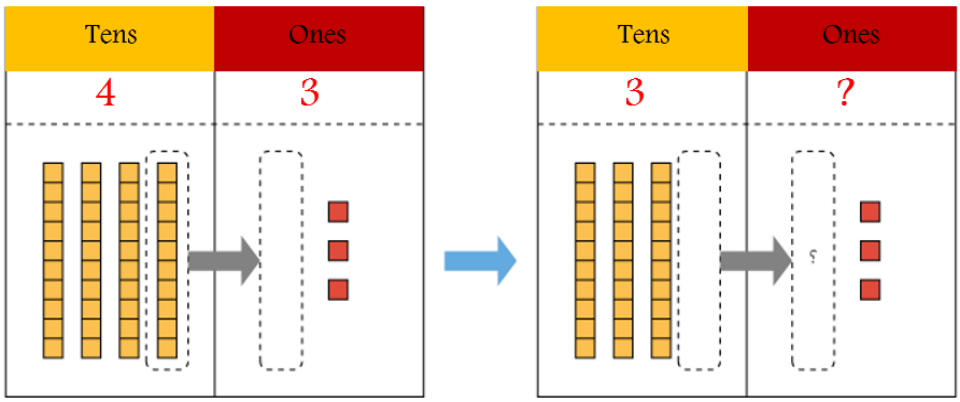
1) 43 – 20 = ...
2) 43 – 31 = ...
3) 43 – 10 = ...
4) 43 – 11 = ...
5) 43 – 23 = ...
6) 43 – 40 = ...

Worksheet (13)

Discuss with the student the concept of regrouping.



Worksheet (14)

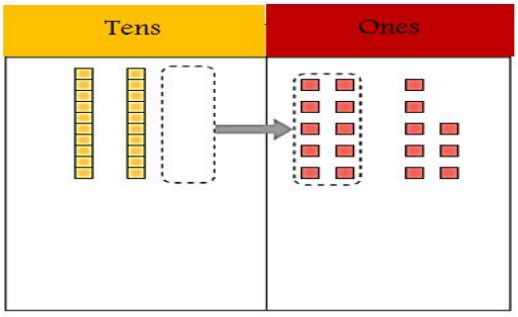


Complete the model by regrouping:

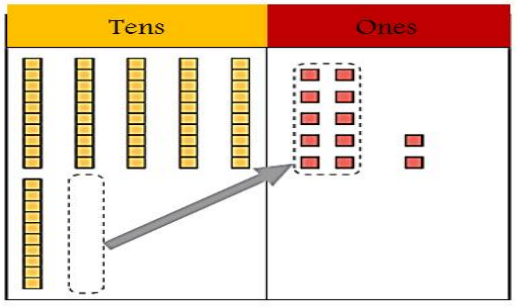
worksheet (15)

Choose the model that represents the subtraction of: 72 from 38:

a

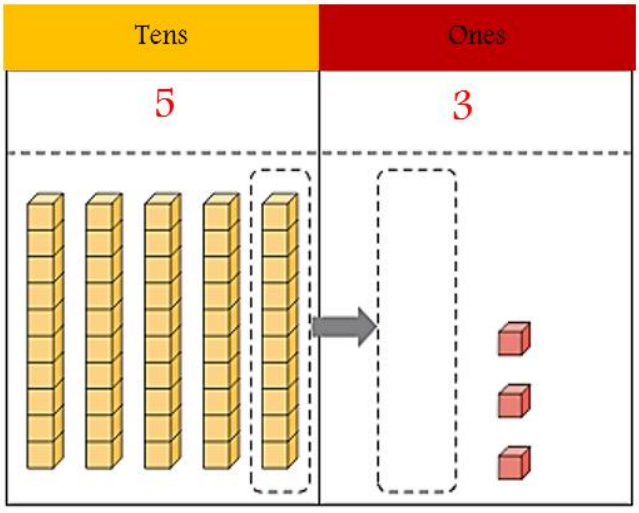


b



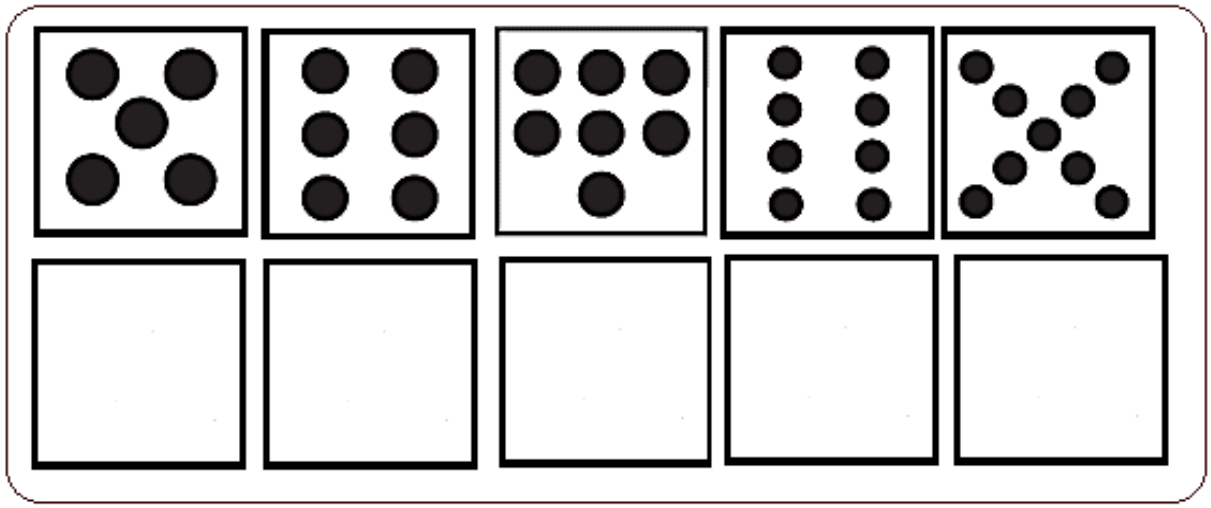
worksheet (16)

Use the following model to subtract 53 from 15:



worksheet (17)

1- What is the number that represents the following model:



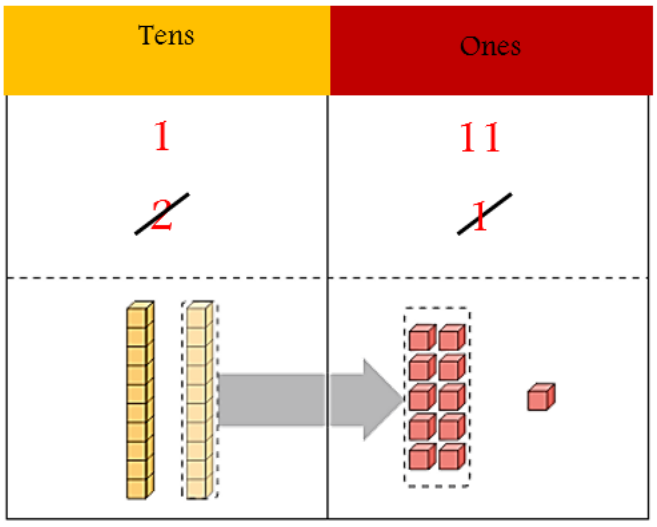
by using the above model, subtract mentally:

1) 35 – 9 = ...
2) 35 – 8 = ...
3) 35 – 7 = ...
4) 35 – 6 = ...
5) 35 – 5 = ...

worksheet (18)

Use the following model to discuss the following subtraction:

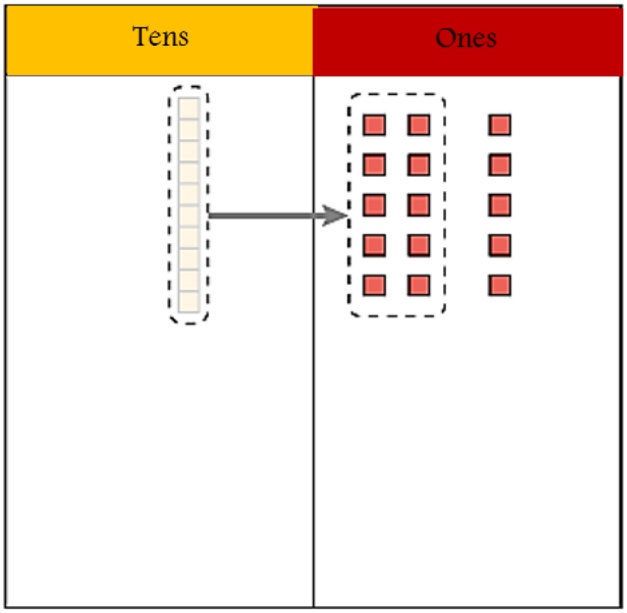
1) 21 – 9 = ...
2) 21 – 16 = ...
3) 21 – 19 = ...



(Encourage the student for Oral discussion and communication)

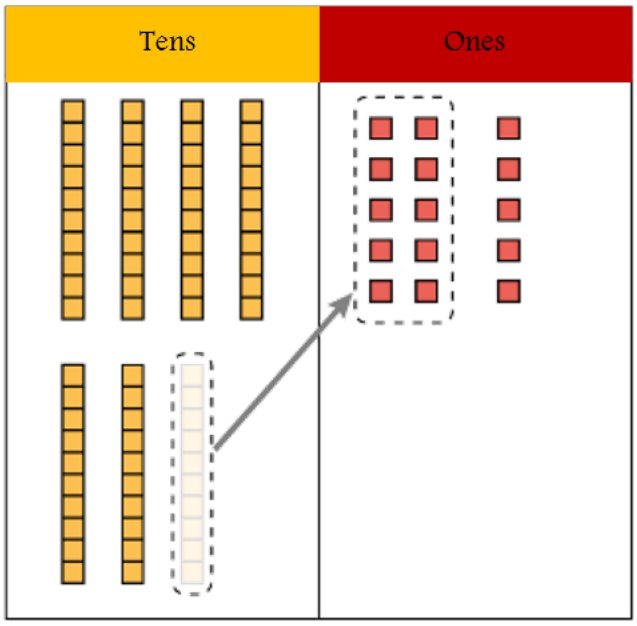
Worksheet (19)

- Use the following model to discuss the following subtraction:
- 15 – 8 = ……



Worksheet (20)

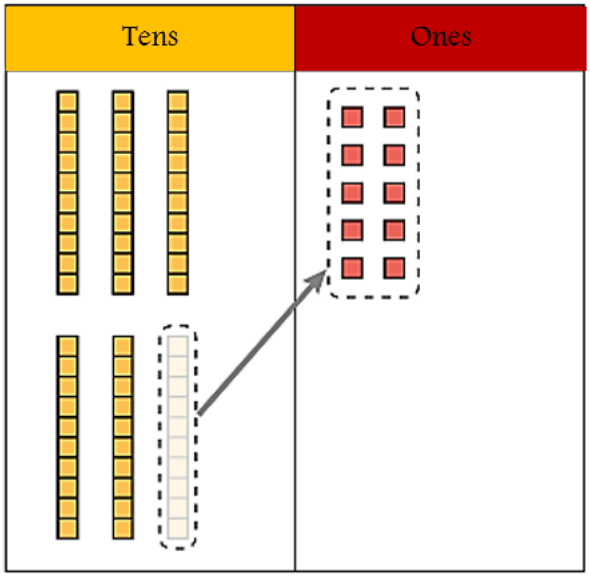
Perform the following model to solve the following problems:



1) 75 – 6 = ...
2) 75 – 16 = ...
3) 75 – 26 = ...
4) 75 – 36 = ...
5) 75 – 46 = ...

Worksheet (21)

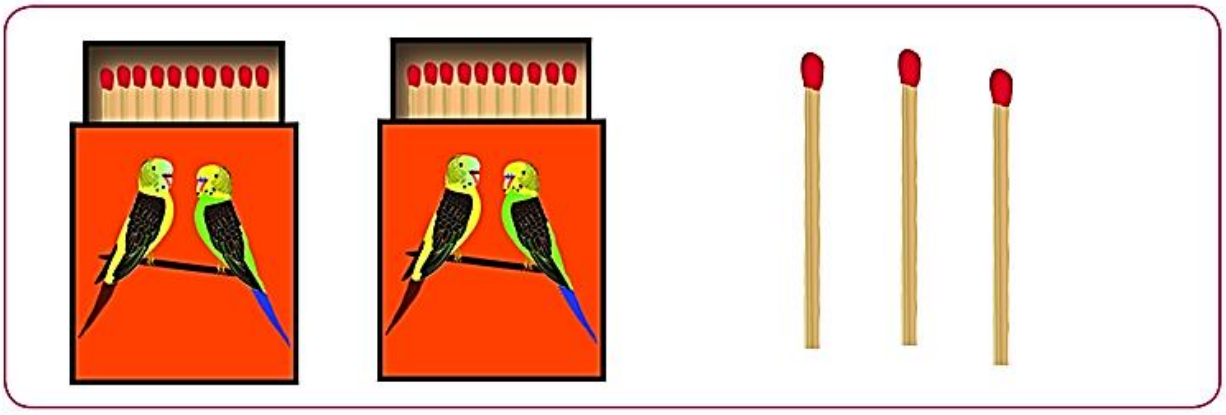
Use the following model to subtract from Ten in the following subtraction:



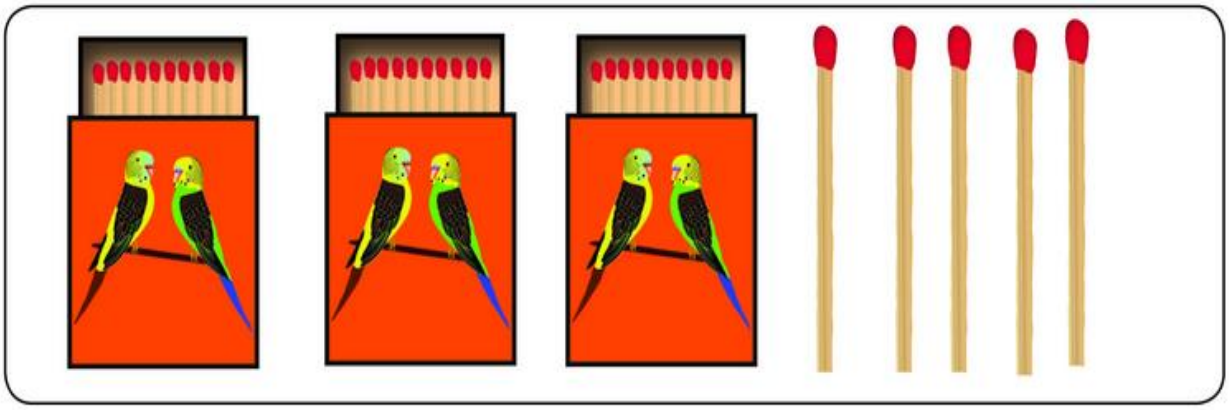
1) 60 – 2 = ...
2) 60 – 3 = ...
3) 60 – 4 = ...
4) 60 – 7 = ...
5) 60 – 8 = ...
6) 60 – 9 = ...

Worksheet (22)

1- Complete with appropriate number:



The number is= .....



The number is= .....

2- Use the models to find the sum and the difference of two obtained numbers.

Worksheet (23)

Subtract the following numbers:

1) 43 − 19	2) 52 − 35	3) 65 − 38	4) 81 − 23
5) 90 − 47	6) 63 − 7	7) 44 − 37	8) 82 − 66
9) 53 − 39	10) 71 − 67	11) 83 − 58	12) 94 − 18
13) 61 − 29	14) 43 − 28	15) 80 − 54	16) 92 − 35
17) 73 − 57	18) 84 − 45	19) 96 − 49	20) 81 − 37

Worksheet (24)

Subtract the following numbers:

1) 52 − 17	2) 85 − 24	3) 71 − 46	4) 76 − 53
5) 92 − 8	6) 74 − 37	7) 68 − 50	8) 72 − 45
9) 96 − 15	10) 56 − 39	11) 87 − 65	12) 76 − 9
13) 43 − 27	14) 54 − 46	15) 77 − 25	16) 96 − 56
17) 70 − 43	18) 61 − 8	19) 57 − 19	20) 92 − 35

Worksheet (25)

Subtract the following numbers:

1)	75 – 20	=	21)	132– 10	=
2)	67 – 10	=	22)	147 – 10	=
3)	92 – 30	=	23)	161 – 10	=
4)	54 – 20	=	24)	108 – 10	=
5)	85 – 40	=	25)	123 – 20	=
6)	90 – 50	=	26)	130 – 30	=
7)	33 – 30	=	27)	111 – 40	=
8)	74 – 40	=	28)	102 – 50	=
9)	87 – 50	=	29)	142 – 30	=
10)	63 – 30	=	30)	139 – 40	=
11)	97 – 60	=	31)	127 – 60	=
12)	56 – 50	=	32)	115 – 30	=
13)	17 – 10	=	33)	176 – 40	=
14)	67 – 50	=	34)	183 – 20	=
15)	82 – 60	=	35)	164 – 60	=
16)	72 – 40	=	36)	156 – 80	=
17)	91 – 70	=	37)	143 – 50	=
18)	53 – 50	=	38)	109 – 80	=
19)	101 – 20	=	39)	173 – 60	=
20)	85 - 60	=	40)	152 - 90	=

Worksheet (26)

Practice on subtraction mentally

(discuss the students orally to clarify the pathways of thought).

1)	30 – 20	=		13)	20 – 20	=	
2)	40 – 10	=		14)	40 – 0	=	
3)	60 – 30	=		15)	40 – 20	=	
4)	50 – 20	=		16)	80 – 40	=	
5)	30 – 30	=		17)	70 – 30	=	
6)	80 – 10	=		18)	100 – 30	=	
7)	70 – 20	=		19)	90 – 10	=	
8)	100 – 0	=		20)	60 – 50	=	
9)	50 – 40	=		21)	40 – 30	=	
10)	80 – 30	=		22)	90 – 40	=	
11)	60 – 40	=		23)	100 – 50	=	
12)	90 – 20	=		24)	70 – 60	=	

worksheet (27)

Discuss the relation between addition and subtraction according to the figure below:

- Complete as in the example:

100= 25 + 75
..... = 60 + 120
.....
..... = 265 + 135
600 = 320 + 280
..... = 666 + 333
.....
..... = 60 + 460

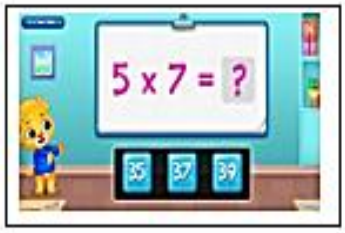
75 = 25 – 100
..... = 60 – .....
.....
.....
320 = 280 – ....
.....
500 = 250 – 750
460 = 60 – .....

25 = 75 – 100
.....
..... = 135 – 400
.....
.....= 333 – 999
.....
60 = 460 – .....

Topic Six : Multiplication

Worksheet (1)

1– Choose the correct answer:



2- Complete by using <, > or =:

▪ 15 × (4 × 11) …… 11 × (4 ×	▪ 5 × 2 × 4 …… 30

3- Choose the correct answer:

- 5 × 3 × 2 = ……

  13 30 50

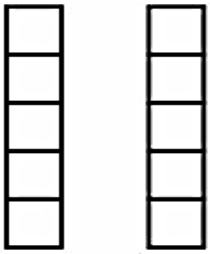
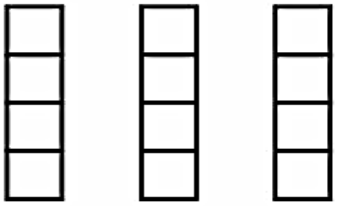
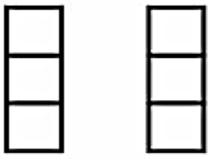
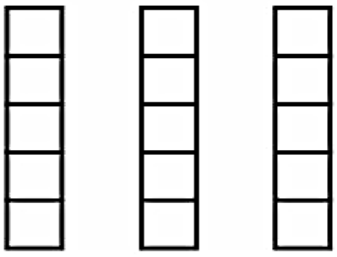
- 8 × …… = (5 × 8) + (6 × 8)

  7 9 11

- 3 × (8 ×4) =4 × (3 × 8) represents the property of:

  distributive associative communicative

Worksheet (2)

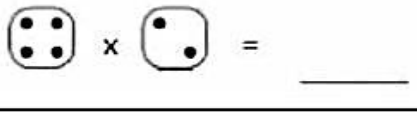
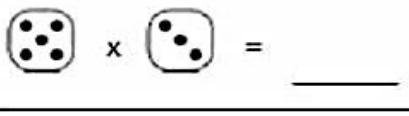
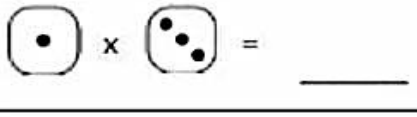
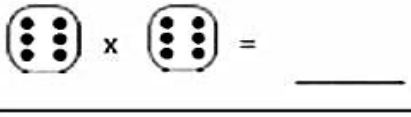
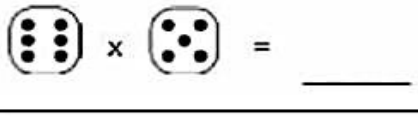
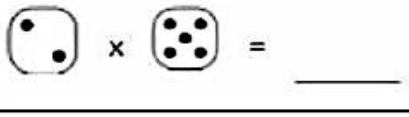
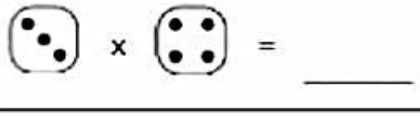
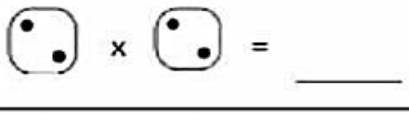
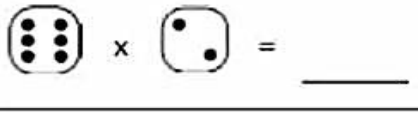
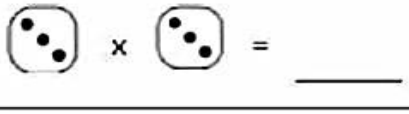
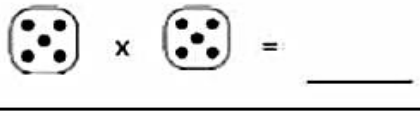
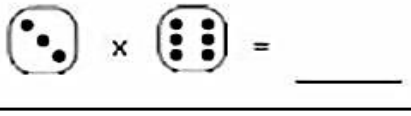
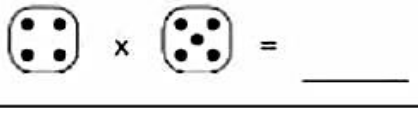
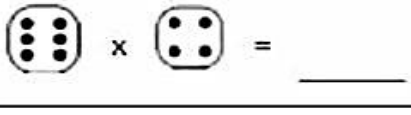
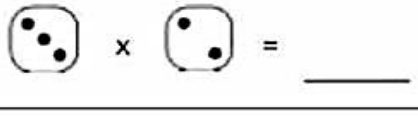
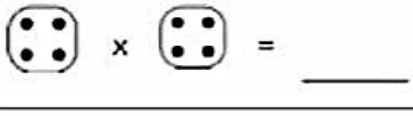
Add and Multiply		
	2+2+2=	2x3=
	5+5=	5x2=
	4+4+4=	4x3=
	3+3=	3x2=
	5+5+5=	5x3=

Worksheet (3)

Multiplication × 3	
4 x 3 = ◯	10 x 3 = ◯
5 x 3 = ◯	3 x 3 = ◯
6 x 3 = ◯	3 x 2 = ◯
3 x 8 = ◯	3 x 4 = ◯
3 x 3 = ◯	7 x 3 = ◯
3 x 2 = ◯	3 x 5 = ◯
0 x 3 = ◯	9 x 3 = ◯

Worksheet (4)

Multiplication Dice Game

Worksheet (5)

Multiply by 3 or 4

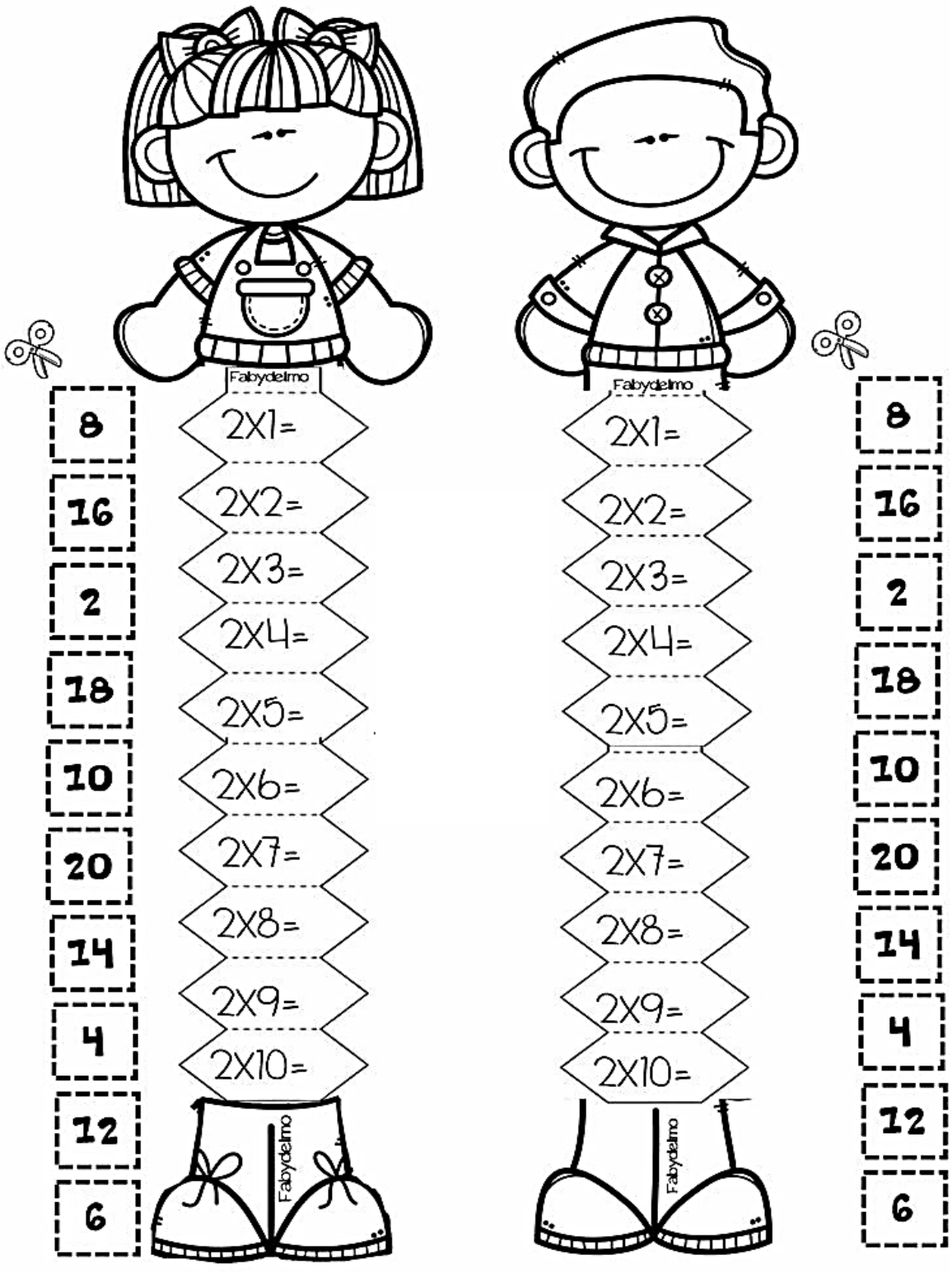
8 x 3	4 x 4	2 x 4
5 x 4	7 x 3	1 x 4
9 x 3	3 x 3	6 x 3

---

2 x 4 = _____	7 x 3 = _____
6 x 4 = _____	4 x 3 = _____
5 x 4 = _____	8 x 3 = _____
9 x 3 = _____	3 x 4 = _____

Worksheet (6)

Cut and choose the correct answer:



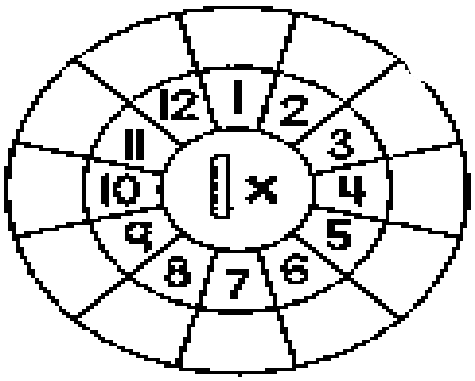
Worksheet (7)

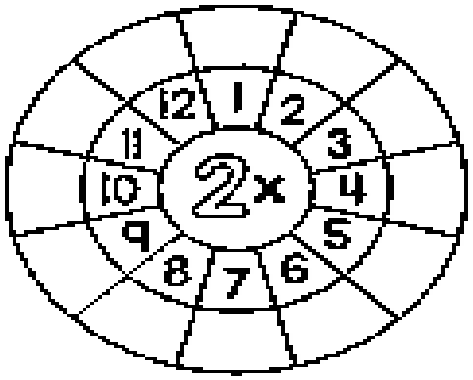
Multiply by 3:

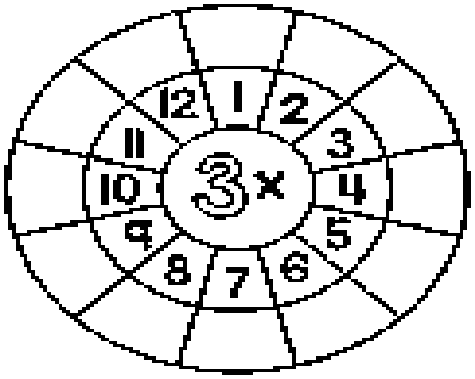
1) 3 × 7 = ···	21) ... × 3 = 6
2) 10 × 3 = ···	22) 3 × ... = 27
3) 3 × 3 = ···	23) 3 × ... = 18
4) 5 × 3 = ···	24) ... × 3 = 12
5) 3 × 4 = ···	25) ... × 3 = 3
6) 1 × 3 = ···	26) ... × 3 = 15
7) 3 × 0 = ···	27) 3 × ... = 9
8) 3 × 8 = ···	28) 3 × ... = 30
9) 6 × 3 = ···	29) ... × 3 = 24
10) 3 × 2 = ···	30) 3 × ... = 0
11) 9 × 3 = ···	31) ... × 3 = 21
12) 3 × 10 = ···	32) 3 × ... = 6
13) 8 × 3 = ···	33) ... × 3 = 18
14) 3 × 5 = ···	34) 3 × ... = 3
15) 3 × 1 = ···	35) ... × 3 = 9
16) 7 × 3 = ···	36) 3 × ... = 12
17) 3 × 6 = ···	37) ... × 3 = 30
18) 2 × 3 = ···	38) ... × 3 = 6
19) 3 × 9 = ···	39) 3 × ... = 3
20) 3 × 3 = ···	40) ... × 3 = 27

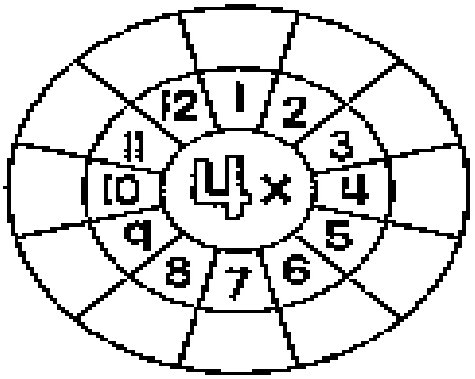
Worksheet (8)

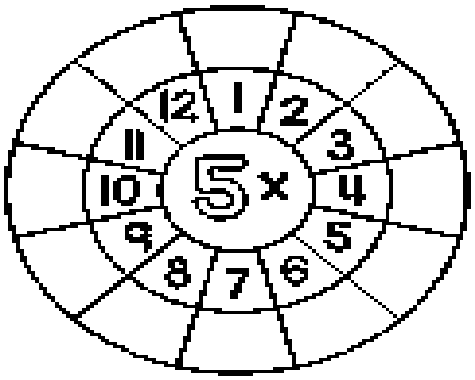
Fill in the missing numbers on each multiplication wheel.

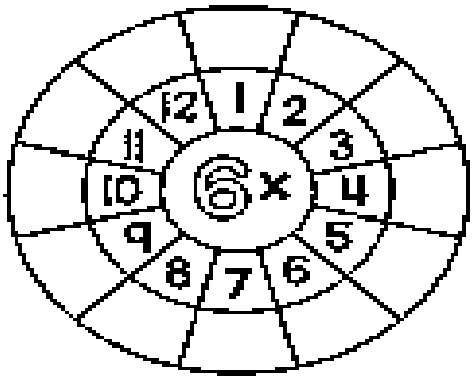












Worksheet (9)

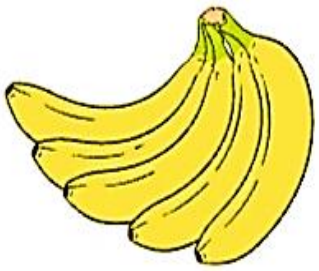
- **In the basketball league, each team consists of 5 players.**

- **Use the given model to find the number of players in 4 teams**

4	×	5	=	
Number of teams		Number of players in one team		The Total

Worksheet (10)

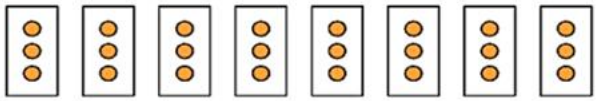
Q_1- There are 5 bananas in one group.

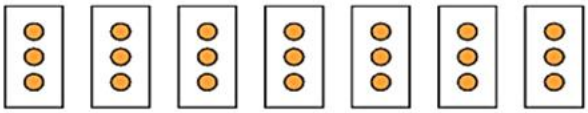


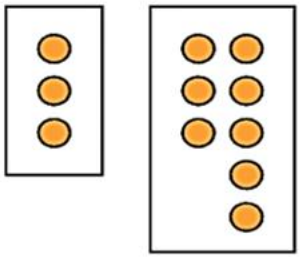
- (8×5) is the total number of bananas in …… groups of banana

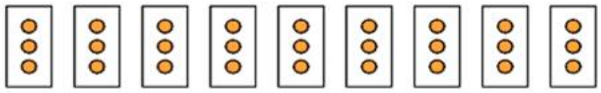
Worksheet (11)

Choose the picture that the total number of points is equal to (8×3).

a 

b 

c 

d 

Worksheet (12)

Mona has 7 plates of biscuit in each plate there are 9 Biscuits.

Which of the following operation allows to find the total number of biscuits?

a 9×5

b $9 - 5$

c $9 \div 5$

d $9 + 5$

How many biscuits are there?

Worksheet (13)

Jelly candies in the shape of bears are packed in bags, each bag contains 10 pie .
Mariam has 3 jelly bags.

Write the operation that represents the number of candies that Mariam has.

a	$3 \times 10 = 30$
b	$10 \times 10 = 100$
c	$3 \times 5 = 15$
d	$3 + 10 = 30$
e	$10 + 10 = 20$

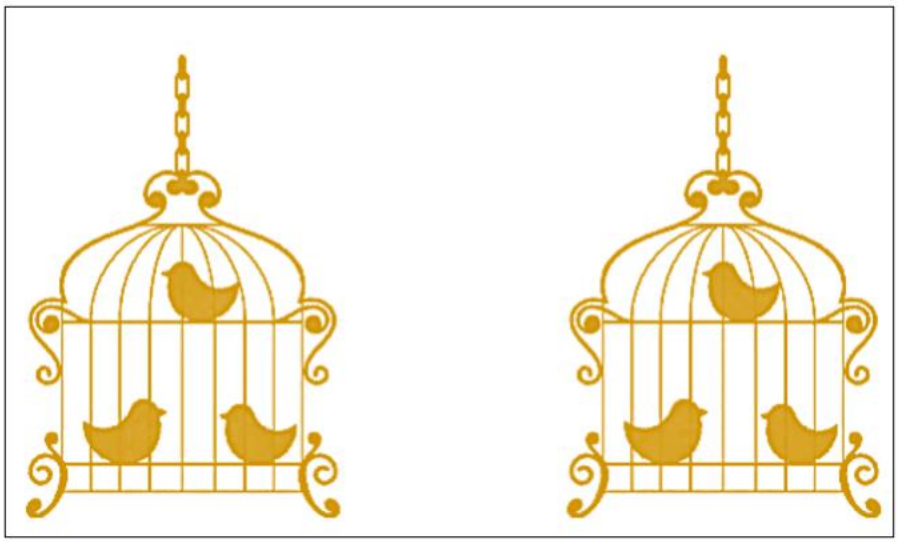
Worksheet (14)

Complete the equation by using the figure:

$$4 \times 5 = \ldots\ldots \times 4$$

Worksheet (15)

Find the missing number:



$$2 \times \square = 6$$

Worksheet (16)

What are the two missing numbers in this table?

× 2	1	2	3	4	5	6	7
	2	4	...	8	10	...	14

a 12.6

b 12.5

c 11.5

d 16.6

Worksheet (17)

Draw the jumps on the number line to calculate the product of (3×9):

a

b

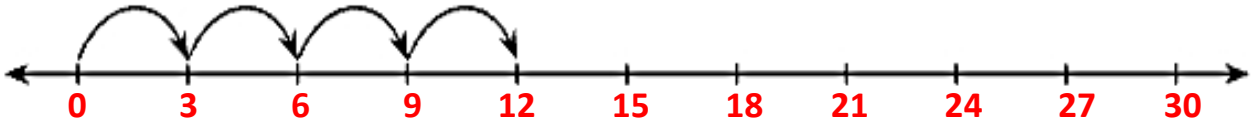
c

d

What is the product of (3×9)?

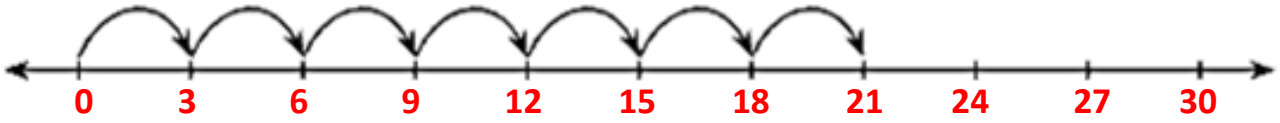
Worksheet (18)

- **We can calculate (4×3), by using the number line to form 4 jumps by 3 as shown:**



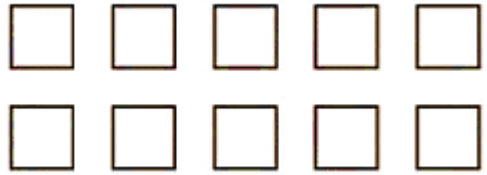
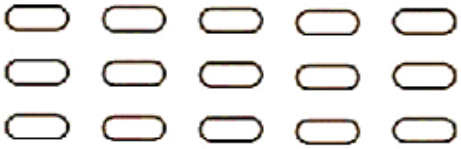
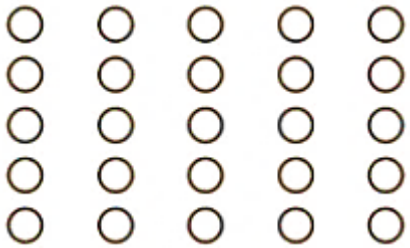
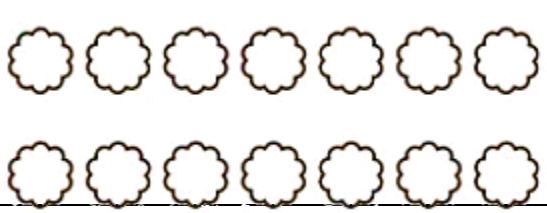
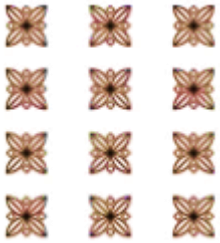
$$\text{So, } 4 \times 3 = 12$$

- **Use the number line to find the product of (3×7):**



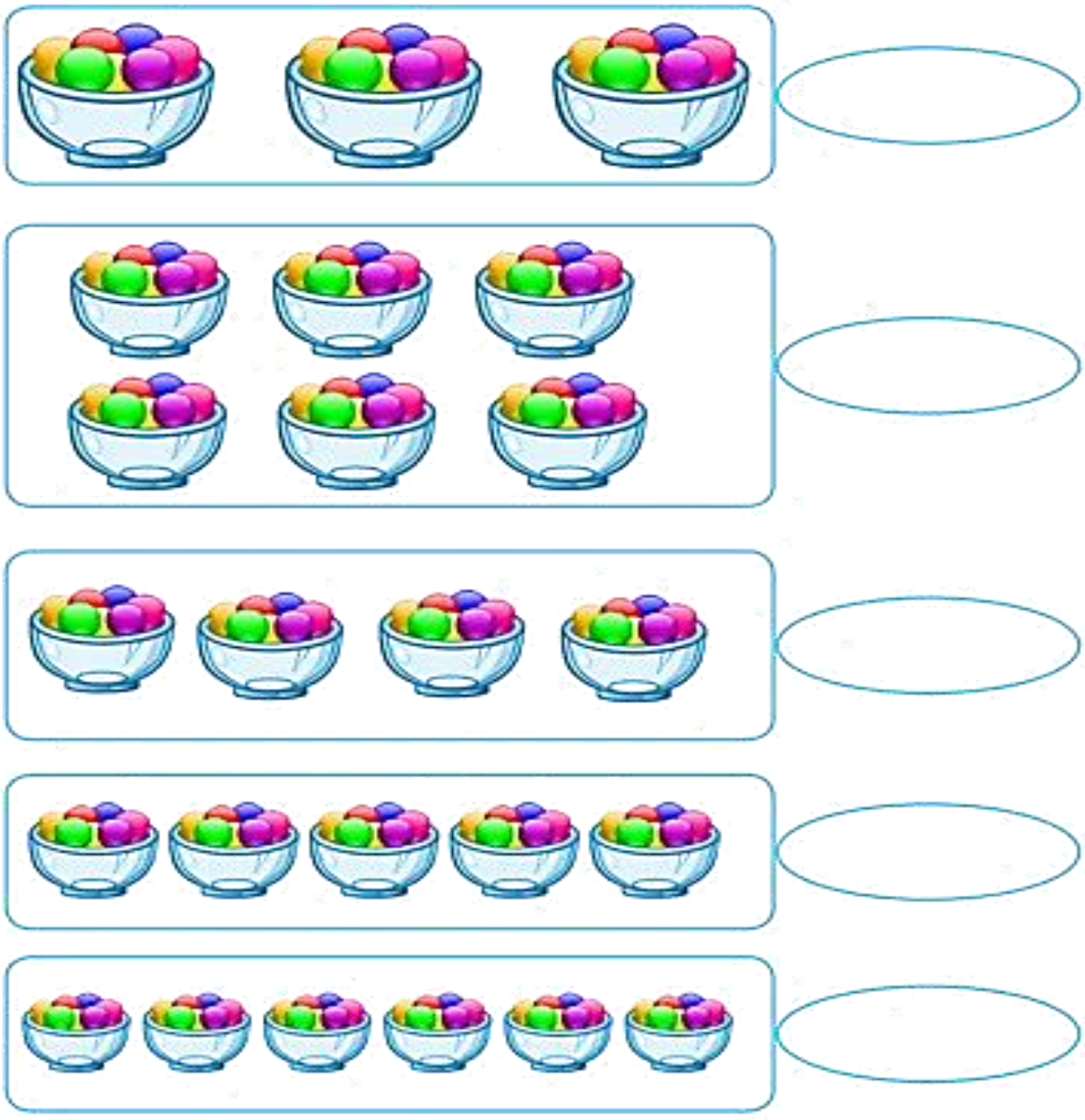
Worksheet (19)

Express the model by addition and multiplication as in the example:

	$2 + 2 + 2 + 2 + 2 = 10$ $5 \times 2 = 10$
	
	
	
	

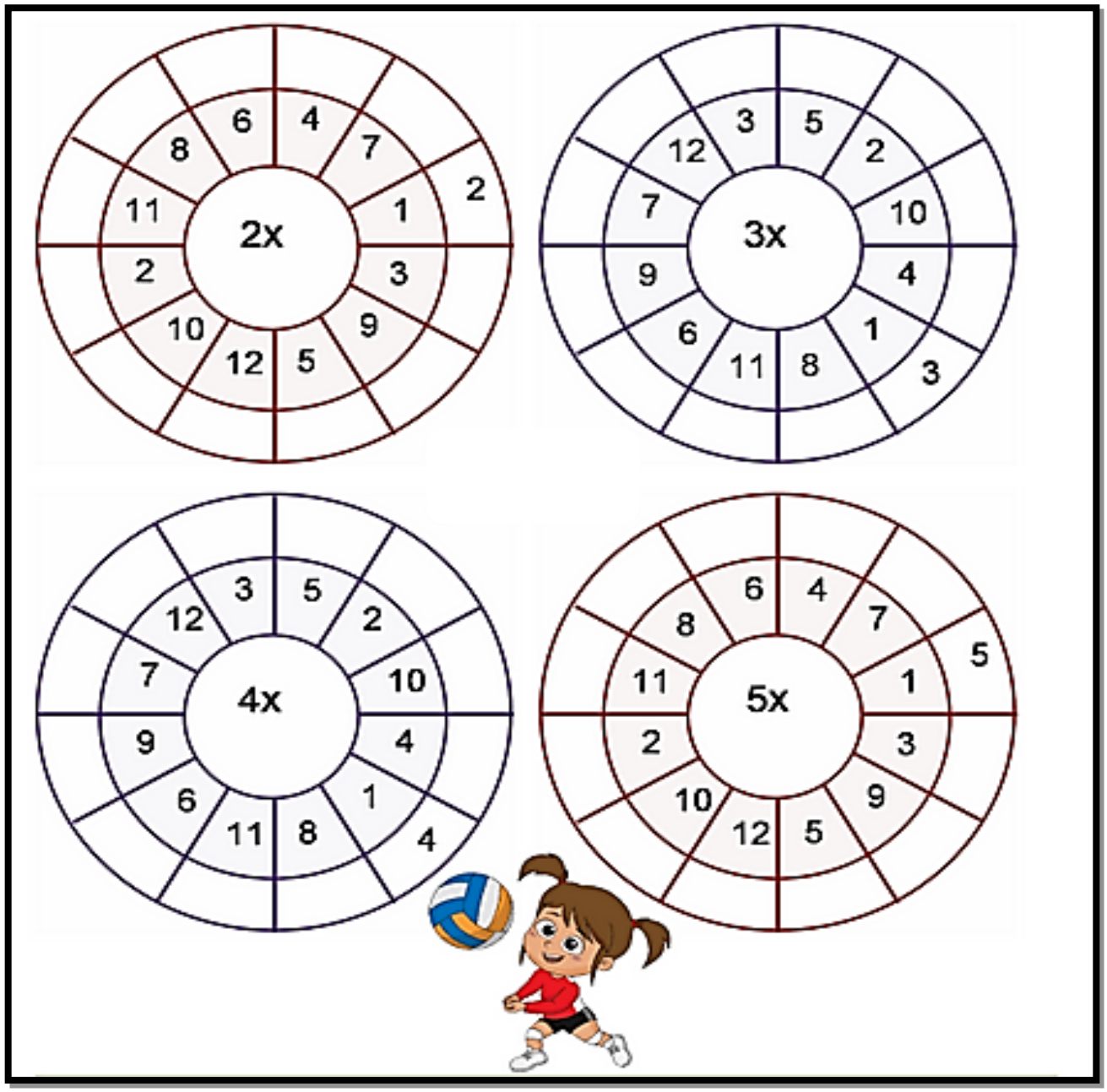
Worksheet (20)

If each dish contains 7 balls. Express each model by a multiplication process:



Worksheet (21)

Complete the multiplication table in the following:



Worksheet (22)

Discuss the multiplication facts in the following tables:

x	1	2	3	4	5
1	1	2	3		
2	2	4			
3	3				
4					
5					

x	2	4	3	5	1
1	2	4			
2	4				
3					
4					
5					

x	4	1	3	2	5
3	12	3			
5	20				
2					
1					
4					

x	5	2	3	4	1
5					
2					
1					
4					
3					

x	3	5	1	4	2
4					
5					
3					
1					
2					

x	2	5	4	3	1
2					
1					
4					
3					
5					

Topic Seven: Division

Worksheet (1)

Find the quotient of the following division:

$8 \div 2 =$

$12 \div 3 =$

$45 \div 5 =$

$32 \div 4 =$

A teacher distributes 20 books among 4 students. How many books does each student have?

A cake has been cut into 15 pieces. 5 people will share it equally. How many pieces did each person get?

Worksheet (2)

Learning table.

What did learn about the divisibility by 2, 3, 4 and 5?	What/ how do want to learn about the divisibility by 2, 3, 4 and 5?	What do you know about the divisibility by 2, 3, 4 and 5?
Check your understanding and its connection to what you expected?	**Talk about your expectations and your learning style.**	**Talk mathematically about The previous experiences.**

- You can speak orally to indicate your previous experiences, and the teacher takes note of them.
- The teacher helps the students to indicate their expectations.
- The teacher provides students with the feedback, and provides them with activities and exercises during the treatment to achieve their goals in the current lesson.
- He notices that the wrong concepts and the difficulties will appear during the revision of the previous experiences, so it should be considerd in the teaching treatment in the next steps.

Worksheet (3)

1- Find the quotient of each division then write the related multiplication equation:

$12 \div 2 =$

$20 \div 2$

$16 \div 2 =$

2- A father wants to distribute 14 notebooks to his two sons, Akram and Asaad equally.

3- How many notebooks does Akram get?

Worksheet (4)

1– **Use the subtraction method to find the quotient:**

$32 \div 4 =$

$18 \div 3 =$

24	3

28	4

2– Souad spent 21 pounds to buy 2 books and a pen. If the price of the book is equal to the price of the pen, what is the price of the pen and book?

Worksheet (5)

1- By using successive subtraction find the quotient:

$25 \div 5 =$

$35 \div 5 =$

2- Muhammad scored 40 points in a test consisting of 10-questions. If each question has 5 full points, how many questions did he fail?

Worksheet (6)

1- Complete as in the example:

Divided	6	12	16	18	20
Division by 2	3				

2- Find the quotient :

$9 \div 3 =$

$24 \div 4$

$40 \div 5 =$

$40 \div 4$

Worksheet (7)

Complete the successive subtraction then find the quotient of the division:

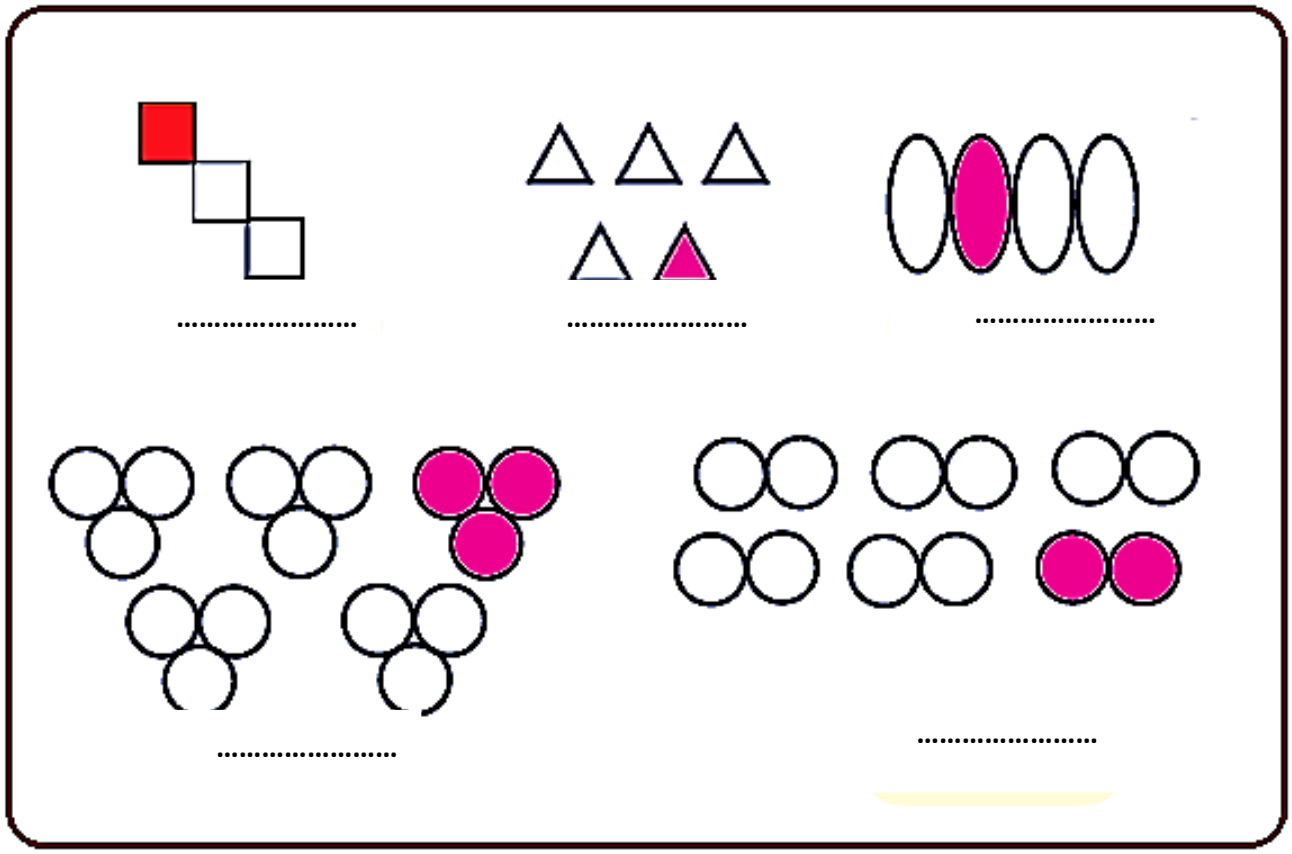
16	12	.....	.....	
− 4	− 4	− 4	−	16 ÷ 4 = ...
12	.....	.....	.....	
15	12	.....	.....	
− 3	− 3	− 3	−	15 ÷ 3 = ...
12	.....	.....	.....	

Topic Eight

The Fractions

Worksheet (1)

Write the fraction that represented the colored part:



.....

.....

.....

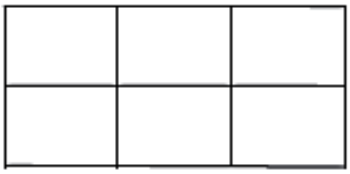
.....

.....

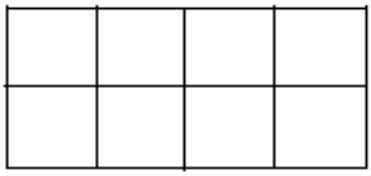
Worksheet (2)

Color according to the fraction:

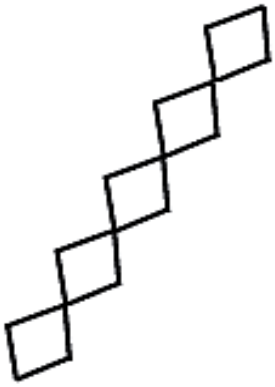
$\frac{1}{3}$



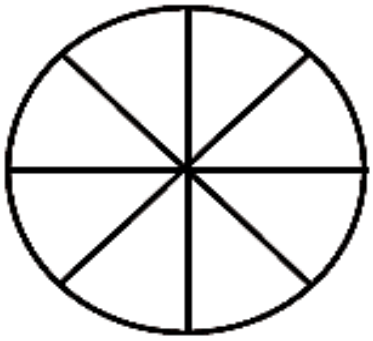
$\frac{1}{4}$



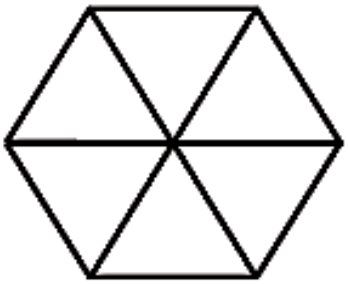
$\frac{1}{2}$



$\frac{1}{5}$



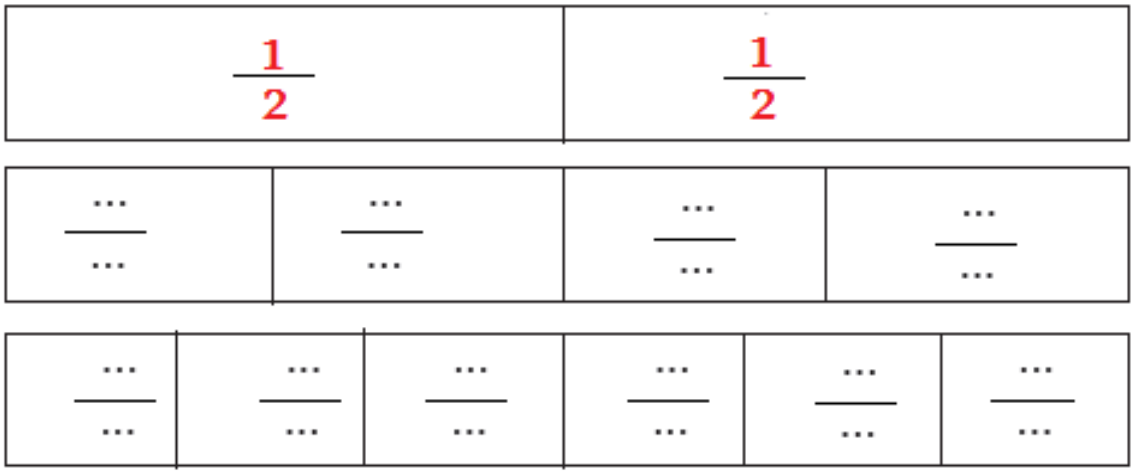
$\frac{1}{4}$



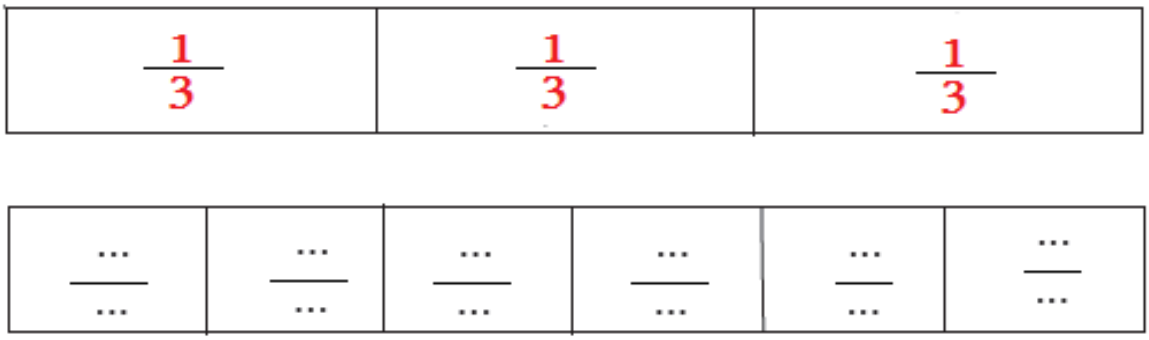
$\frac{1}{6}$

Worksheet (3)

Observe then complete as in the example:

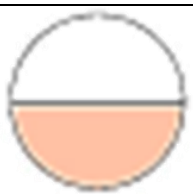
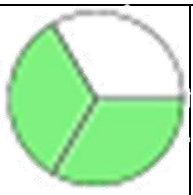
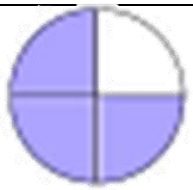
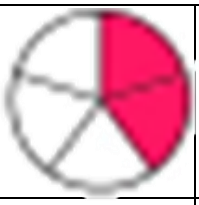


Observe then complete as in the example:



Worksheet (4)

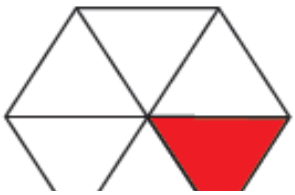
Complete the table of unit fractions form half to sixth:

					
Fraction representing the colored part					
Number of equal parts					
Fraction in words					
Vocabularies	Numerator – Denominator – Fraction Bar				

Worksheet (5)

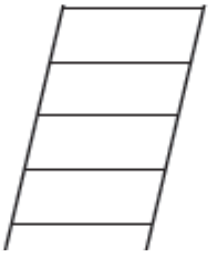
Write the fraction that represented by the colored part in more than one method:

.....

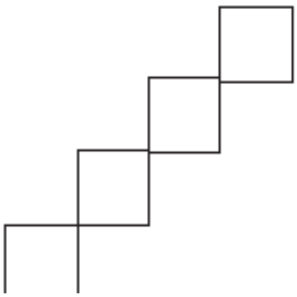


.....

.....



.....



.....

.....

.....

Worksheet (6)

Complete the following table:

The fraction in Digits	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{4}$	.....	$\frac{1}{6}$
The Fraction in words.	Half	.....	.....	Fifth	.....

Worksheet (7)

Ahmad has $\frac{1}{2}$ pound. And his sister has $\frac{1}{4}$ pound.

Color the fractions that represent the money of each of them.

Bassam spent $\frac{1}{3}$ hour doing morning exercises. And his sister Hind spent $\frac{1}{4}$ hour.

Color the fractions that represent the morning sport time of each of them...

Due to sport activities, Omar loses $\frac{1}{5}$ kg of his weight during a week. Her sister loses $\frac{1}{6}$ kg of her weight in the same week.

Color the fractions that represent the lost weight of each of them.

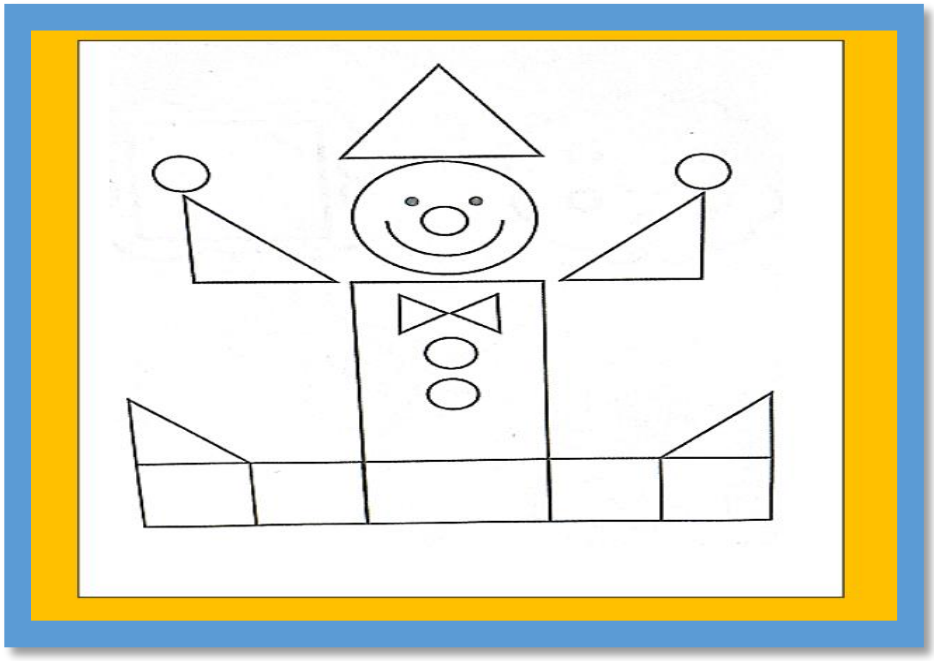
During sports activities, Muhammad drinks a $\frac{1}{2}$ liter of water and his sister drinks a $\frac{1}{4}$ liter of water.

Color the fractions that represent the amount of water they drank.

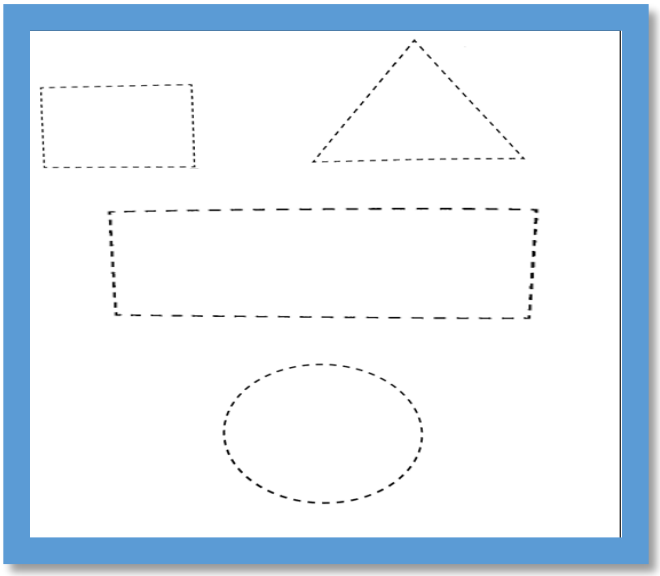
Topic Nine

Worksheet (1)

Find the triangles in the following picture and color them with your favorite color:

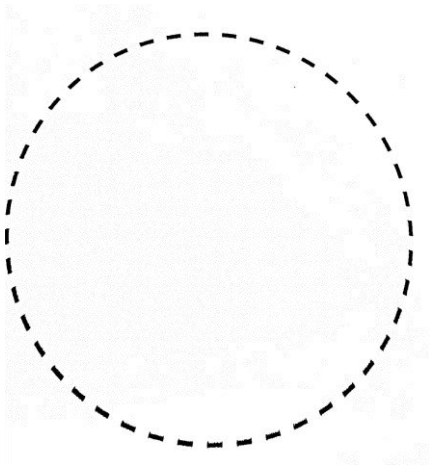


Trace to complete each geometric shape

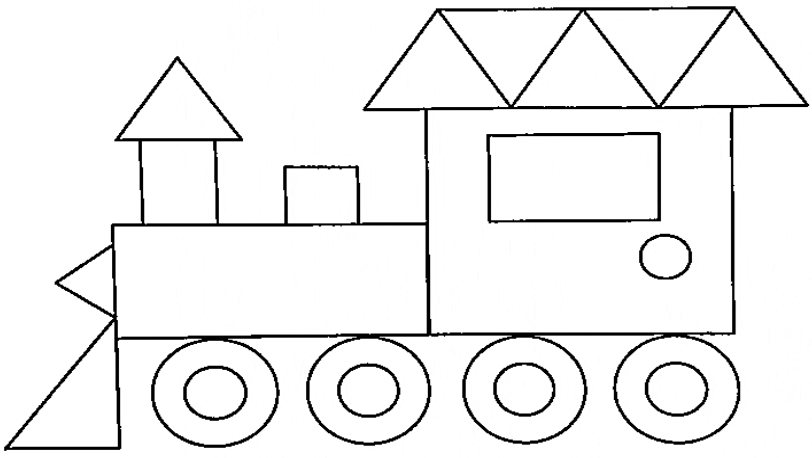


Worksheet (3)

1- Trace by your pencil to complete the circle:

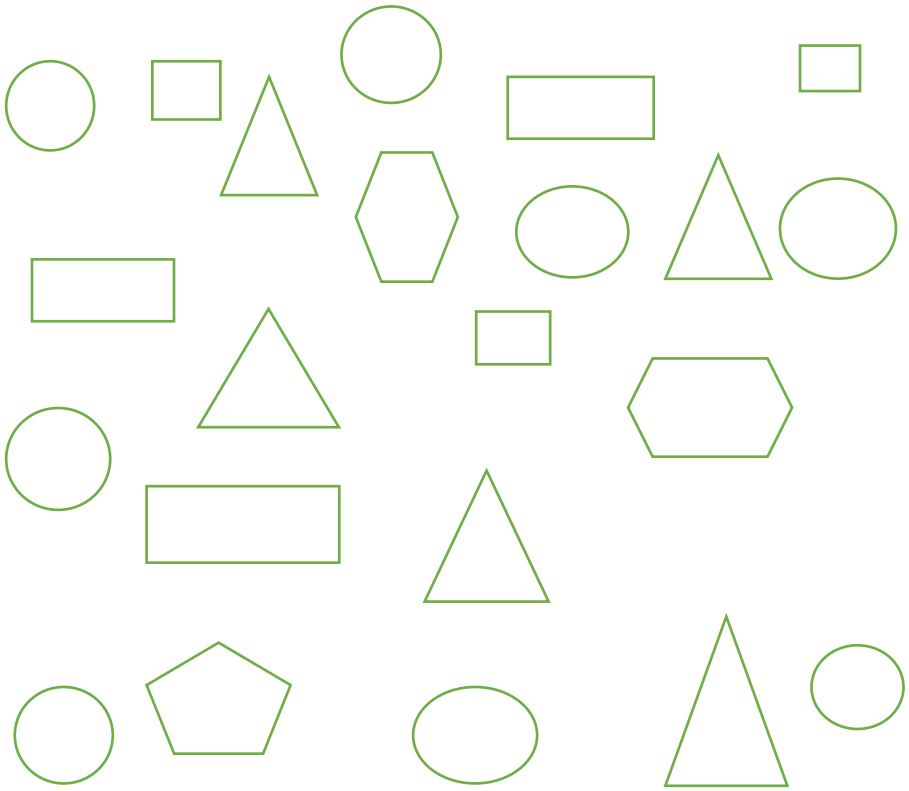


2- Find the circles then color them:



Worksheet (6)

Look at the following shapes then answer:



1- How many triangles are there in the figure?

2- How many circles are there in the figure?

3- How many squares are there in the figure?

4- How many rectangles are there in the figure?

5- How many hexagons are there in the figure?

6- How many pentagons are there in the figure?

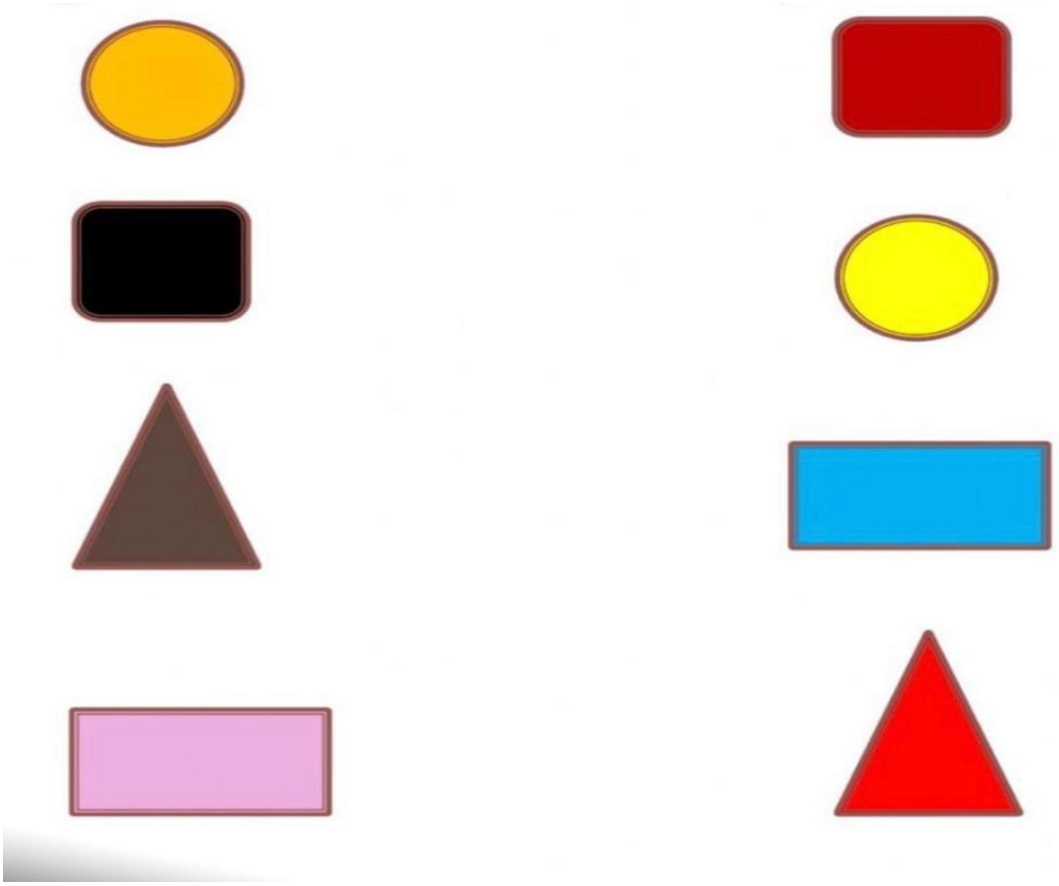
Worksheet (7)

By the given definition draw the geometric shape then write its name:

Definition	Geometric Shape	Shape's name
A shape that consists of 4 sides that are not equal and perpendicular to each other with 4 right angles, is:		
A shape that consists of 4 equal sides, perpendicular to each other, is:		
A shape that has 3 sides and 3 angles, is:		
A polygon has 5 sides, is:		
A shape in which the points are separated from the center by a fixed distance, is:		
A polygon has 6 sides, is:		

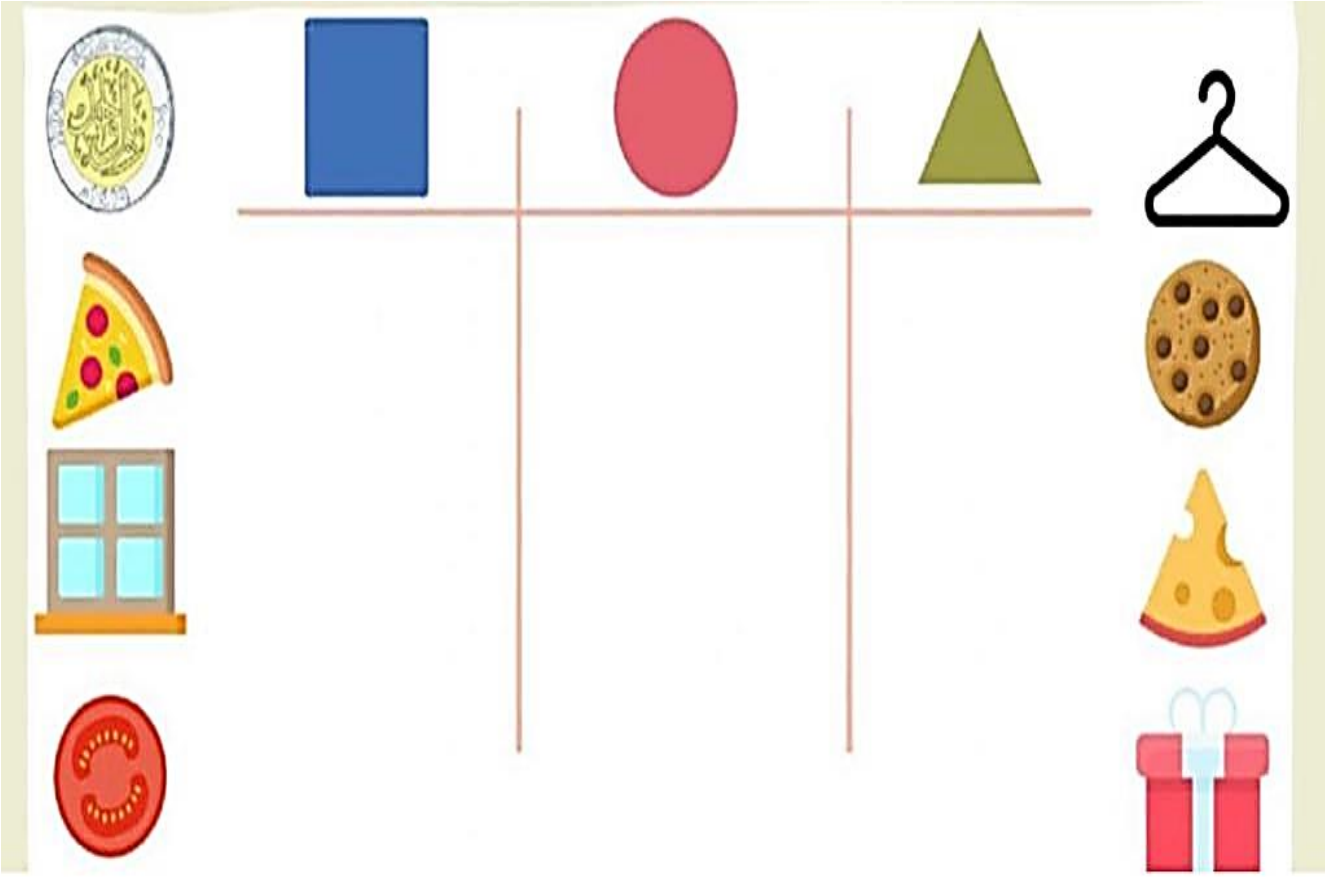
Worksheet (8)

Match the similar shapes to each other:



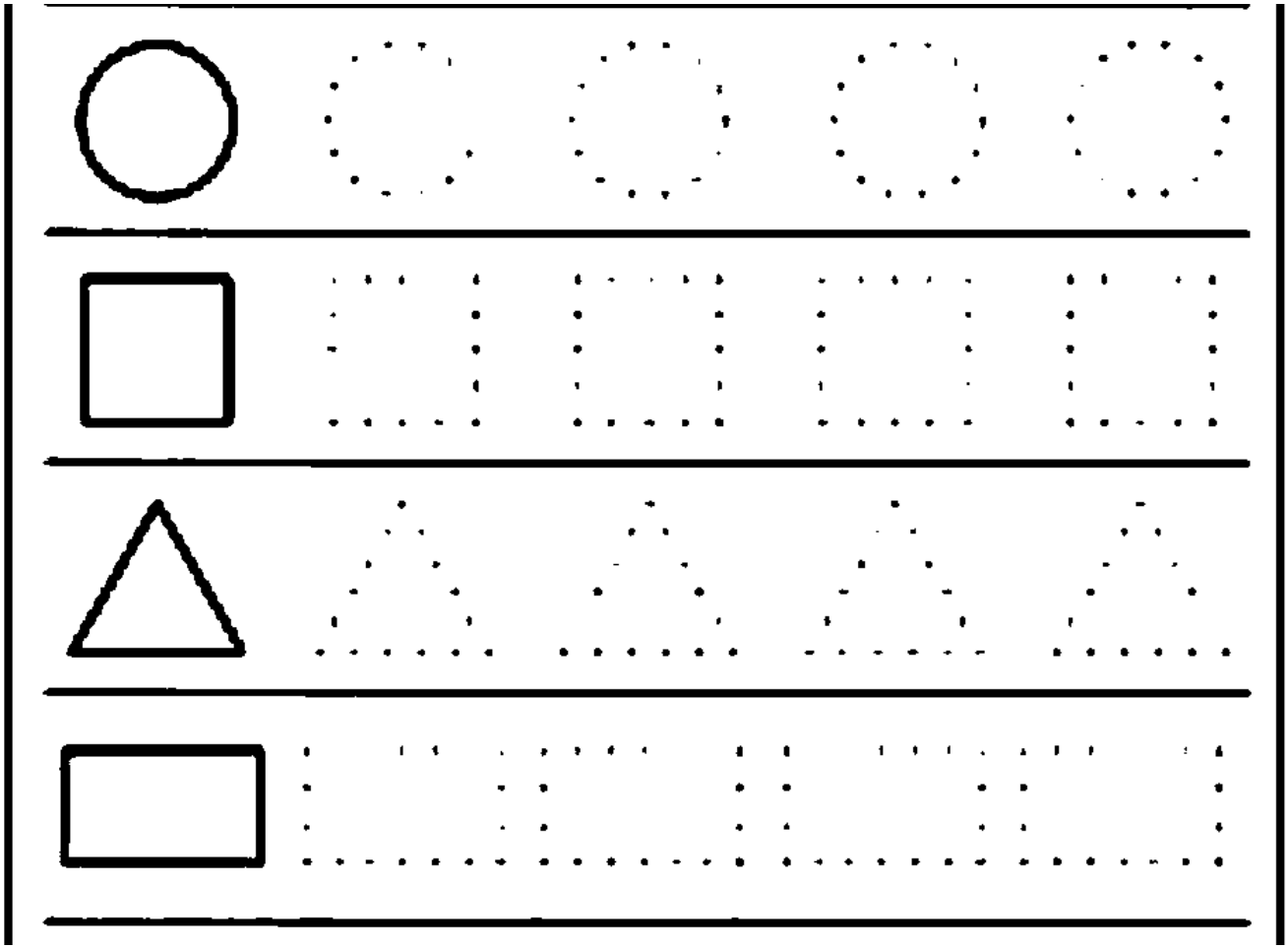
Worksheet (9)

Classify the following objects according to corresponding shape:



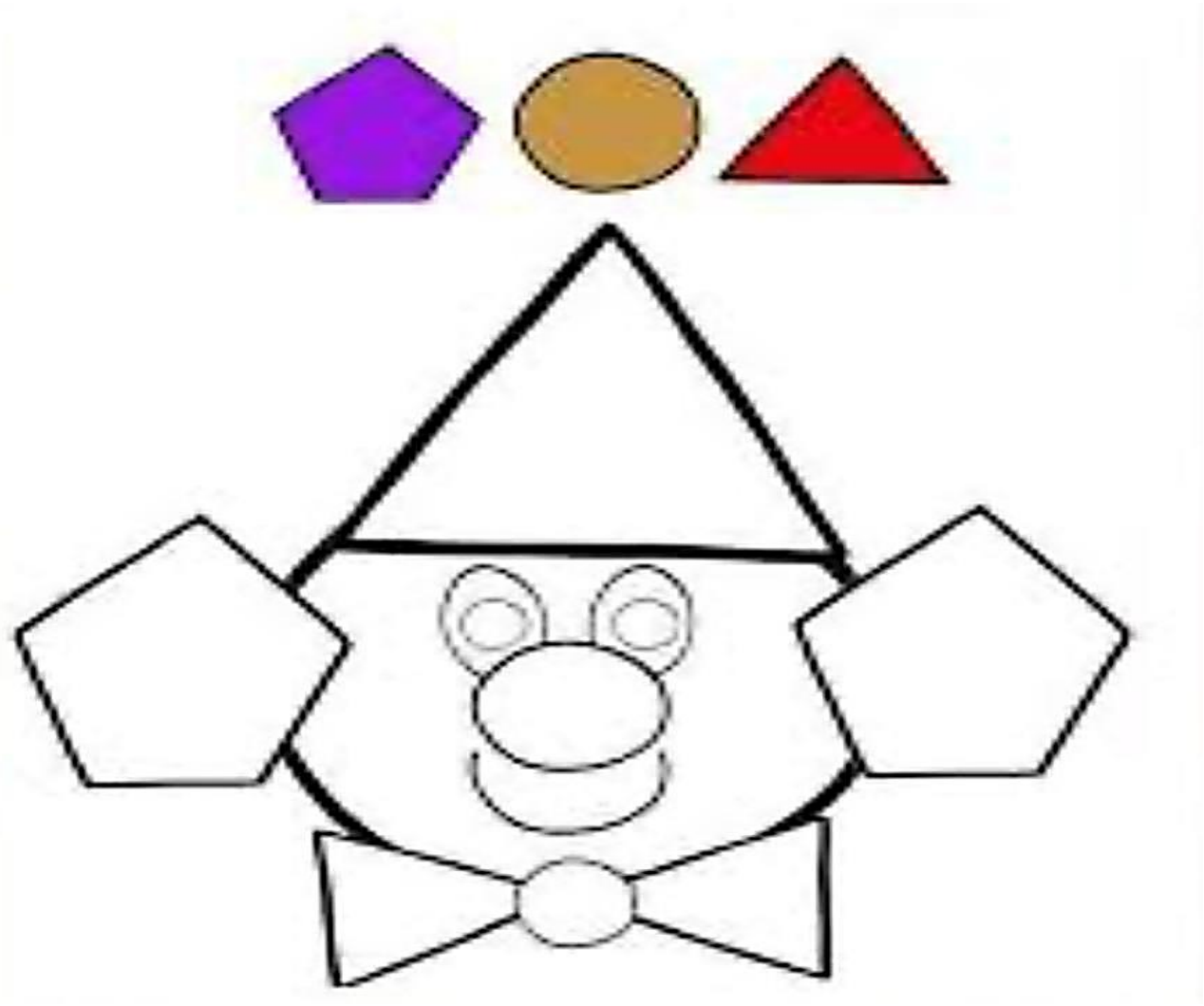
Worksheet (10)

Complete the drawing of geometric shapes on the dot grid:



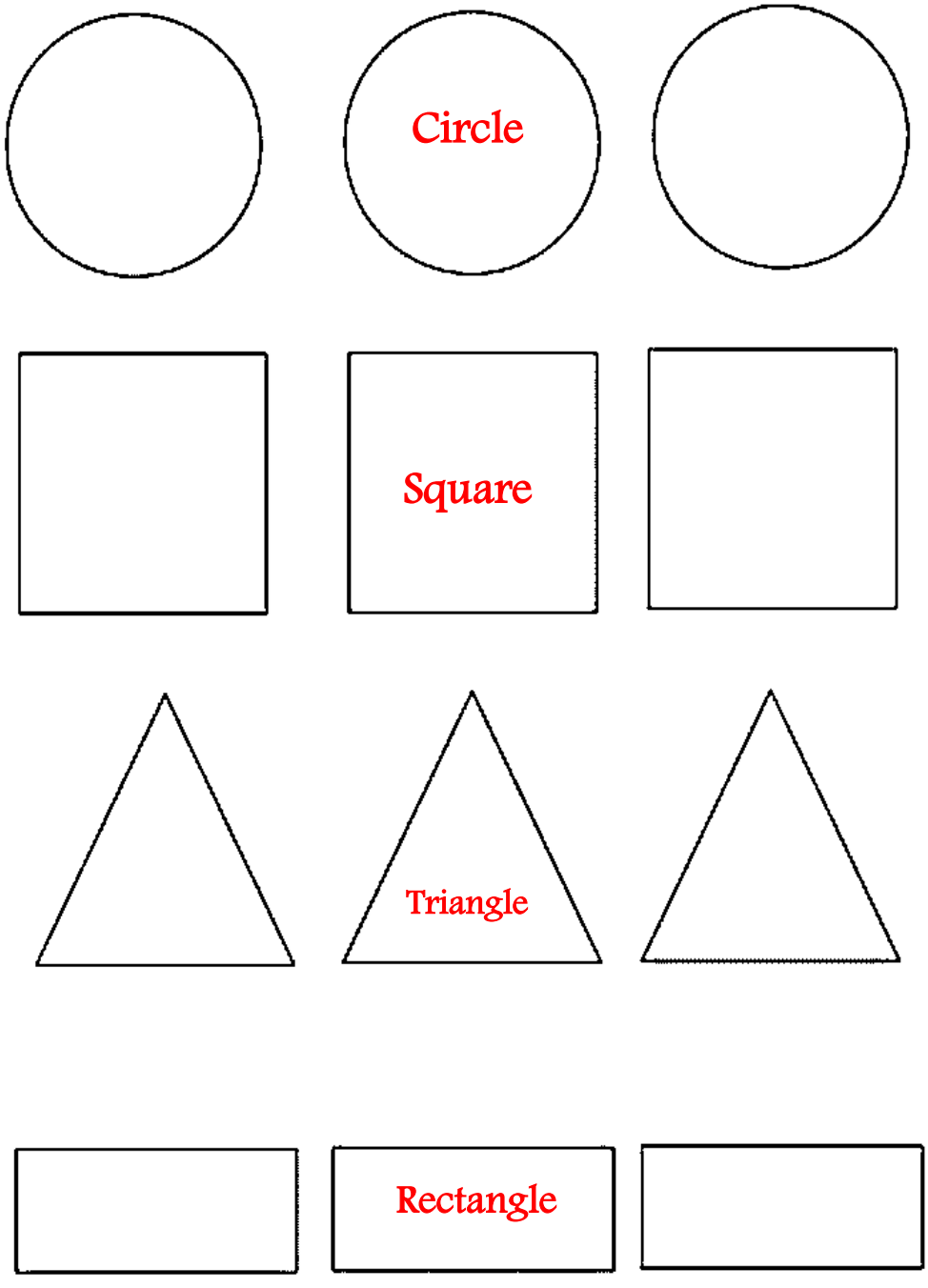
Worksheet (11)

Color the following geometric shape according to the given colored one.

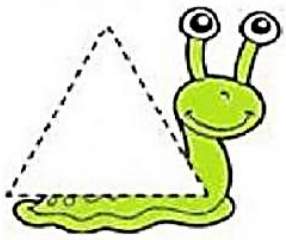


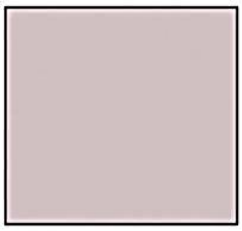
Worksheet (12)

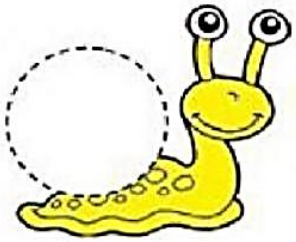
Color the geometric shapes:

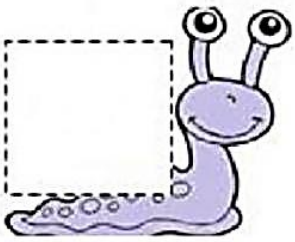


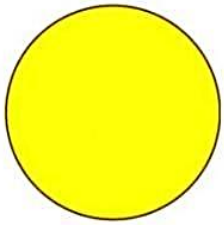
Match each shape that carried by the worm to the corresponding one:

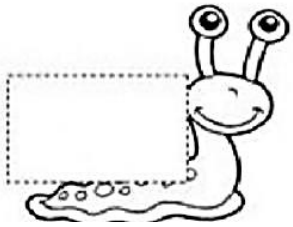


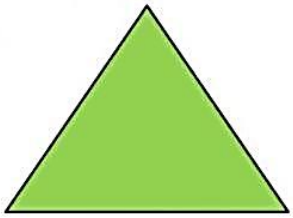






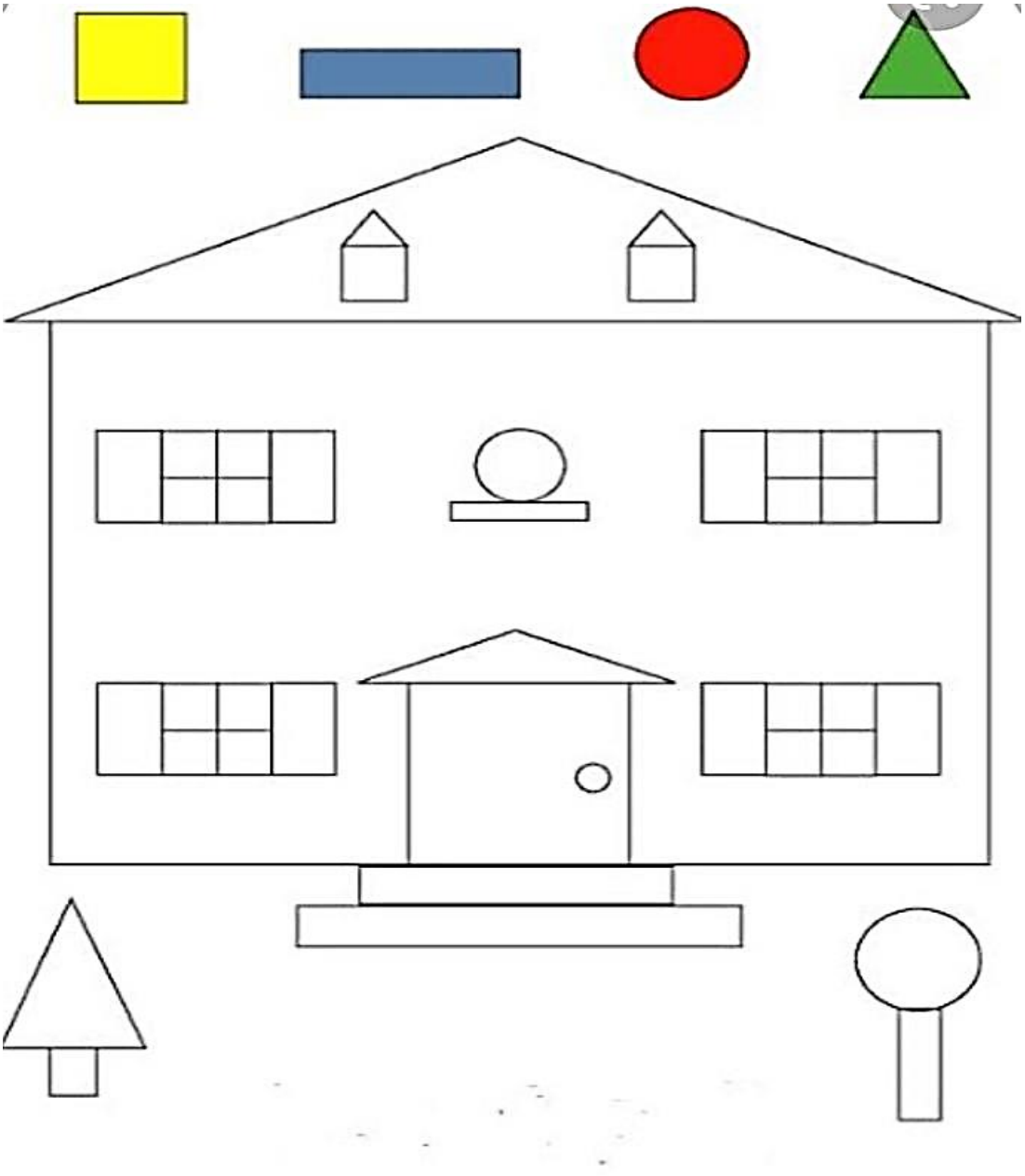






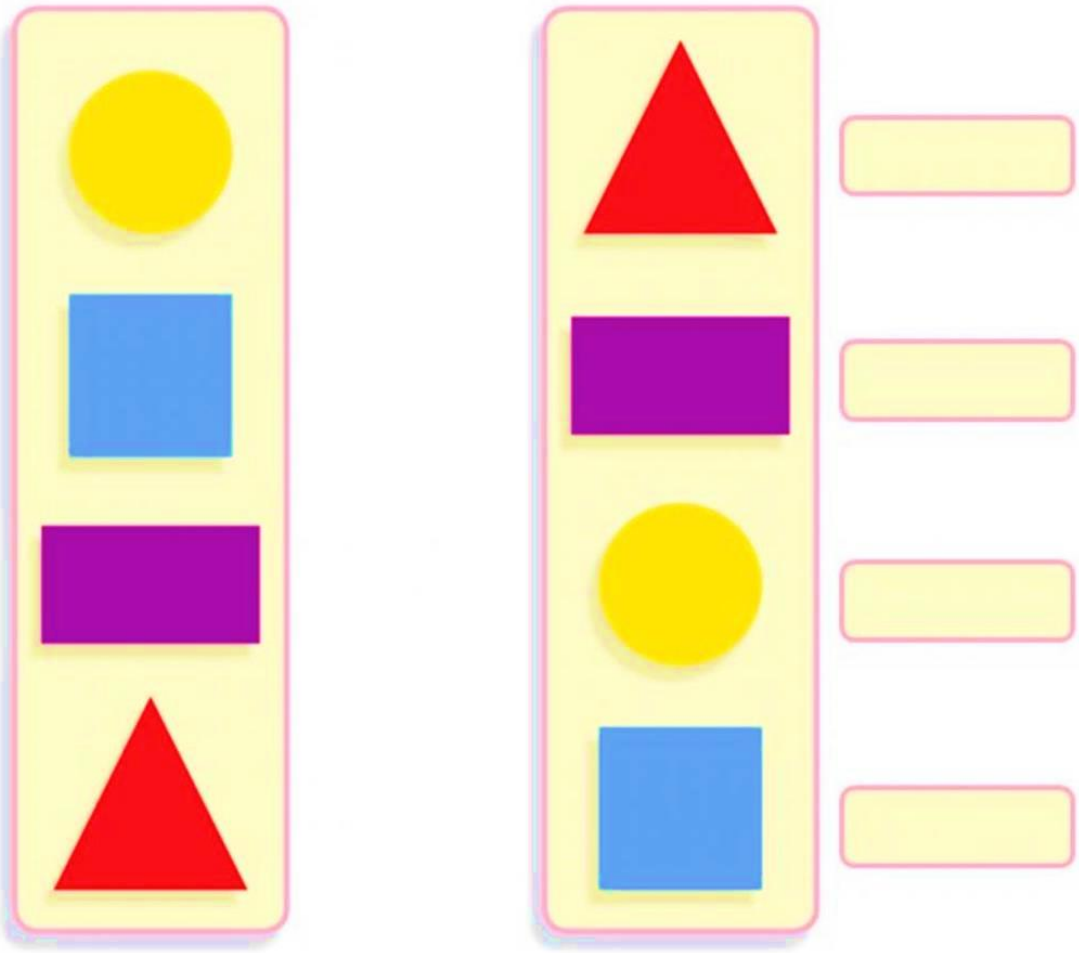
Worksheet (14)

Color the house according to the color of the geometric shapes:



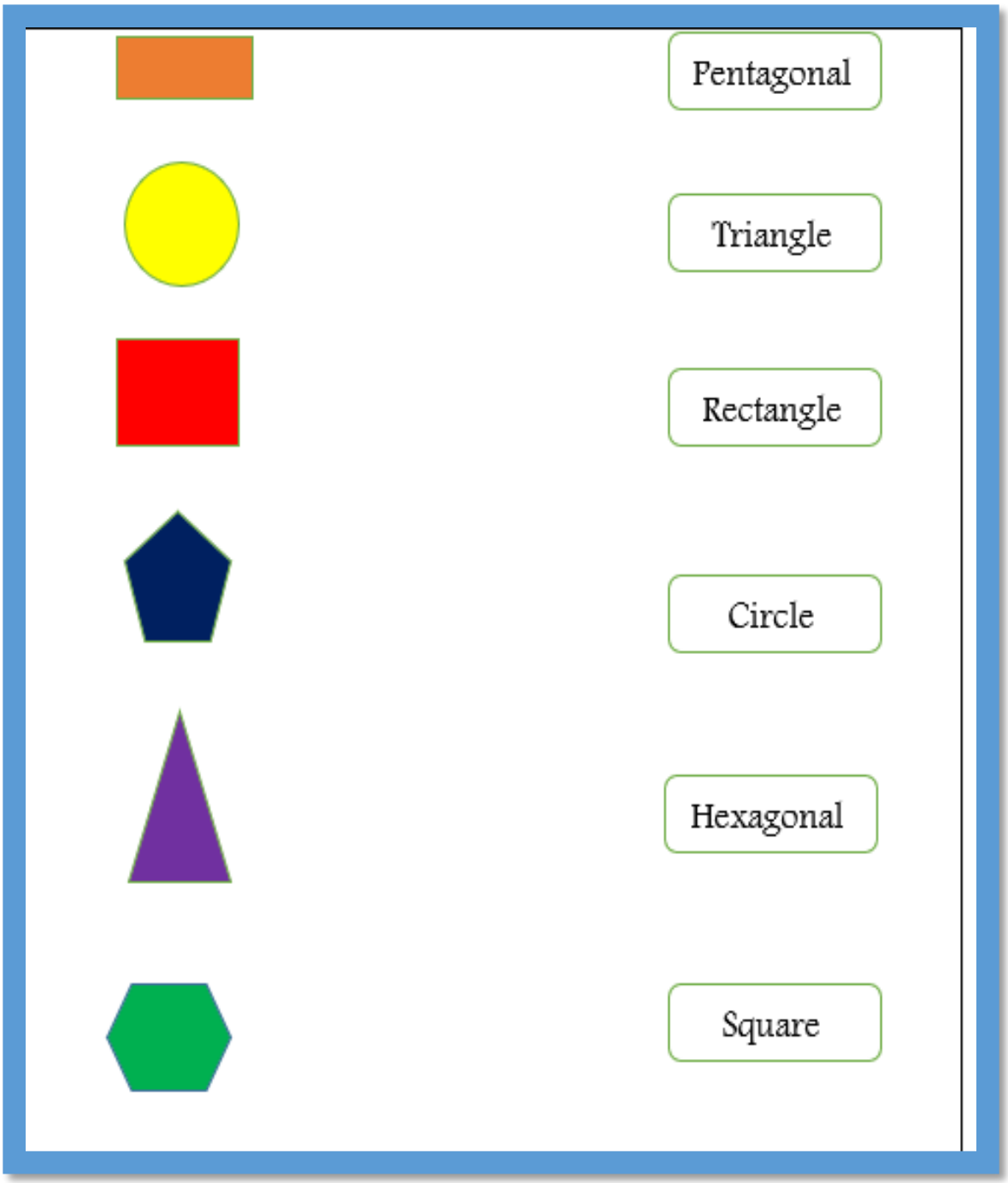
Worksheet (15)

Match appropriately then write the name of the geometric shape:



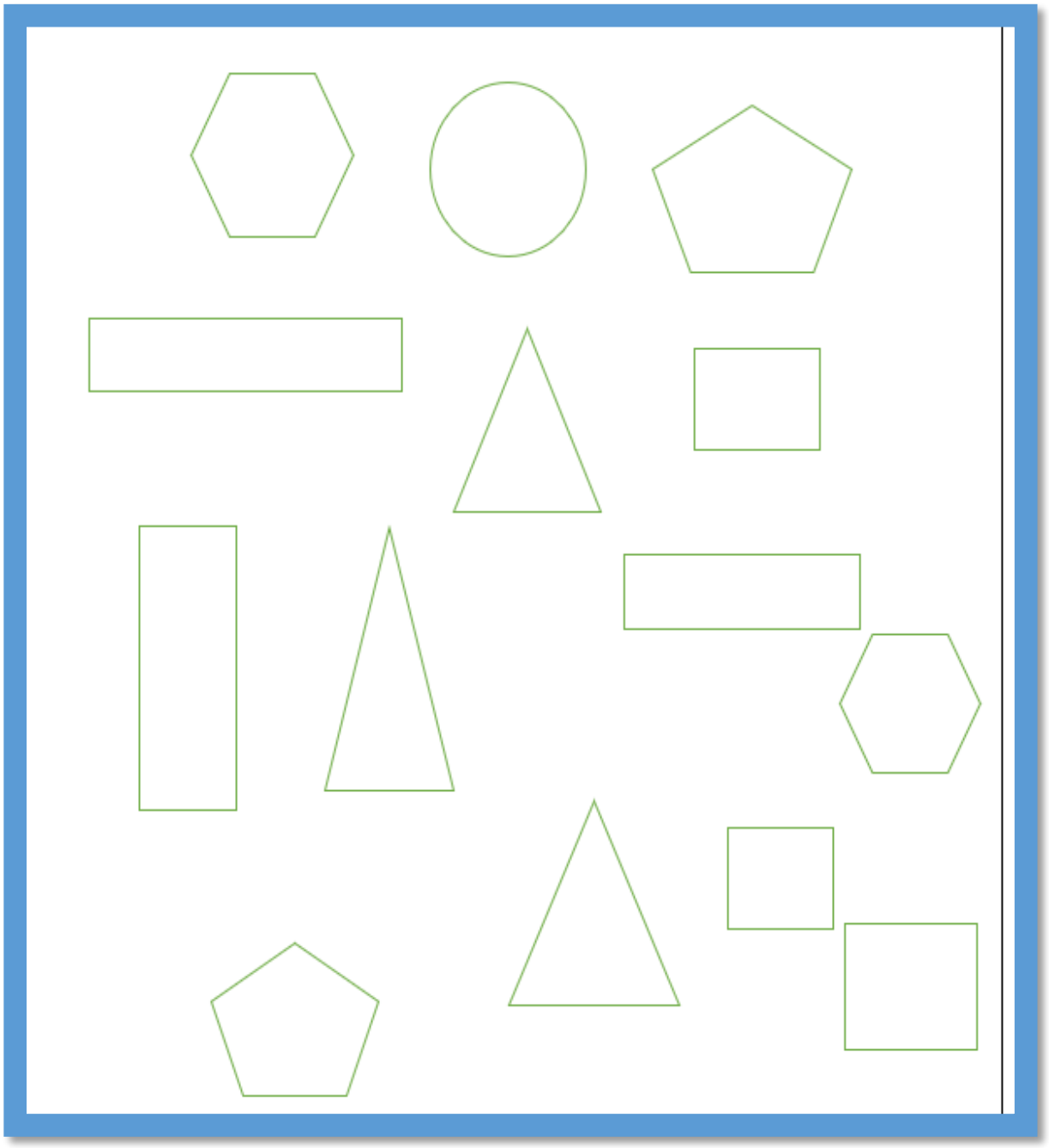
Worksheet (16)

Observe the following shape then answer:



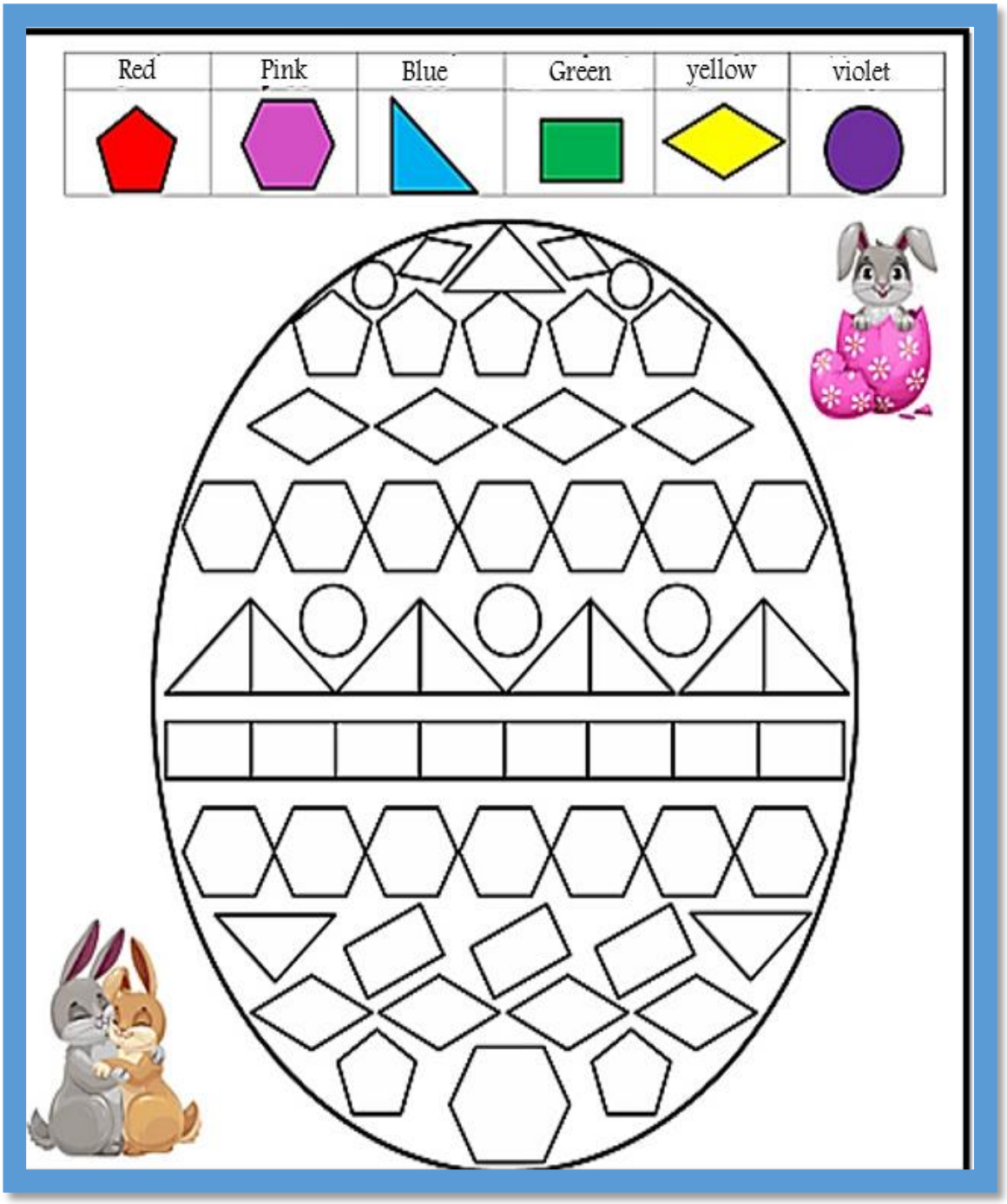
Worksheet (17)

Color the squares in yellow, the circles in red, the rectangles in blue, the triangles in green, the pentagons in brown and hexagons in black:



Worksheet (18)

Color as in the given figure:



Topic (10)

3-D Objects

Worksheet (1)

- **Which shape is a parallelepiped?**


(a)

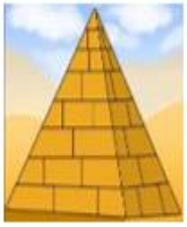

(b)


(c)


(d)

- **Which shape is a cube?**

(a)


(b)

(c)


(d)

Worksheet (2)

- Which shape is a cylinder?


(a)


(b)


(c)


(d)

- Which shape is a sphere?


(a)

(b)


(c)


(d)

Worksheet (3)

- Which shape is a pyramid?

(a)

(b)

(c)

(d)

- Which shape is a cone?

(a)

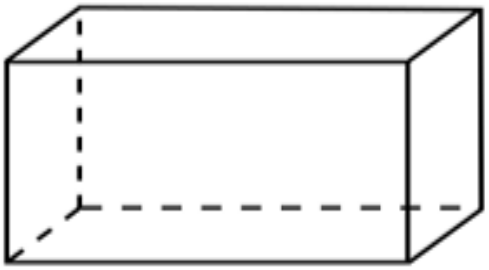
(b)

(c)

(d)

Worksheet (4)

- Observe the following parallelepiped then complete?

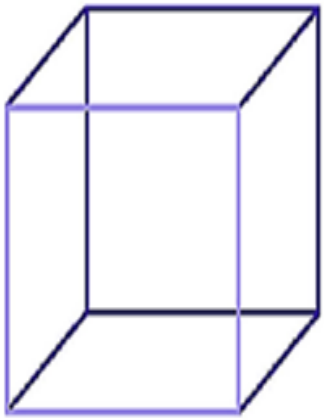


Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (5)

The teacher shows a solid as a cube, then he shows the following worksheet:

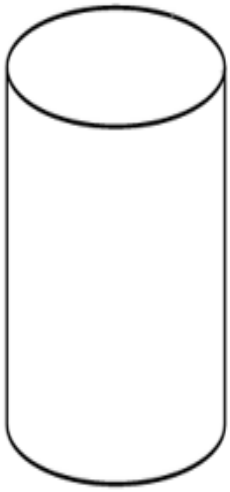
- **Observe the following cube then complete?**



Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (6)

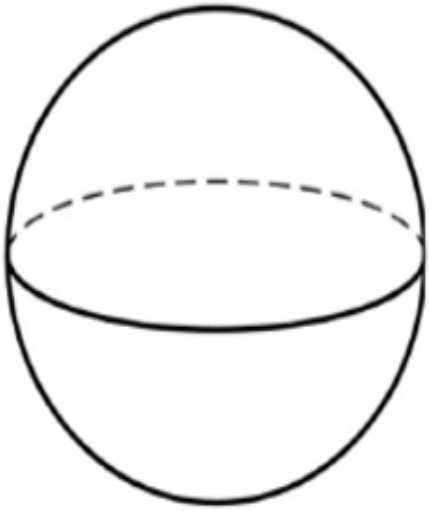
- Observe the following cylinder then complete?



Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (7)

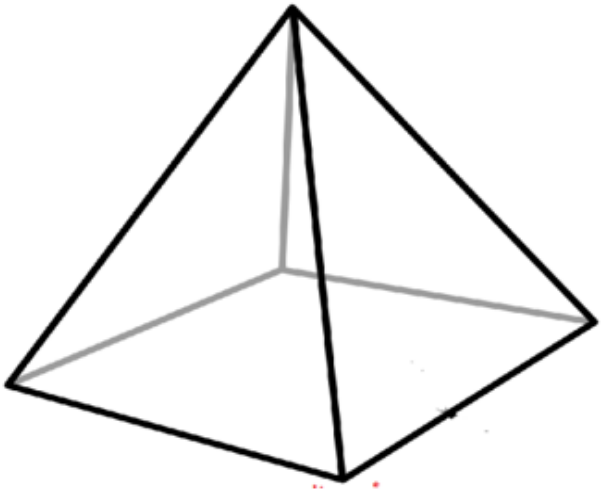
- **Observe the following sphere then complete?**



Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (8)

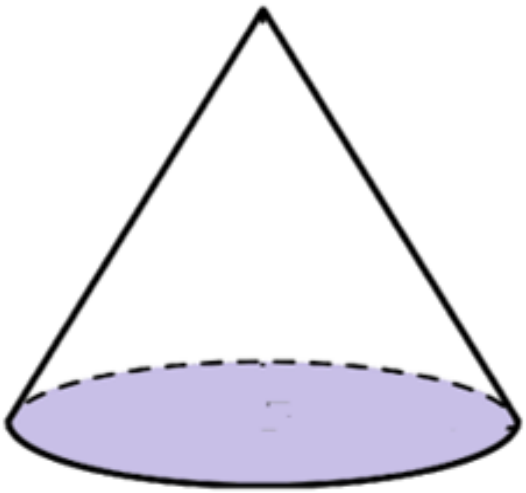
- **Observe the following pyramid then complete?**



Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (9)

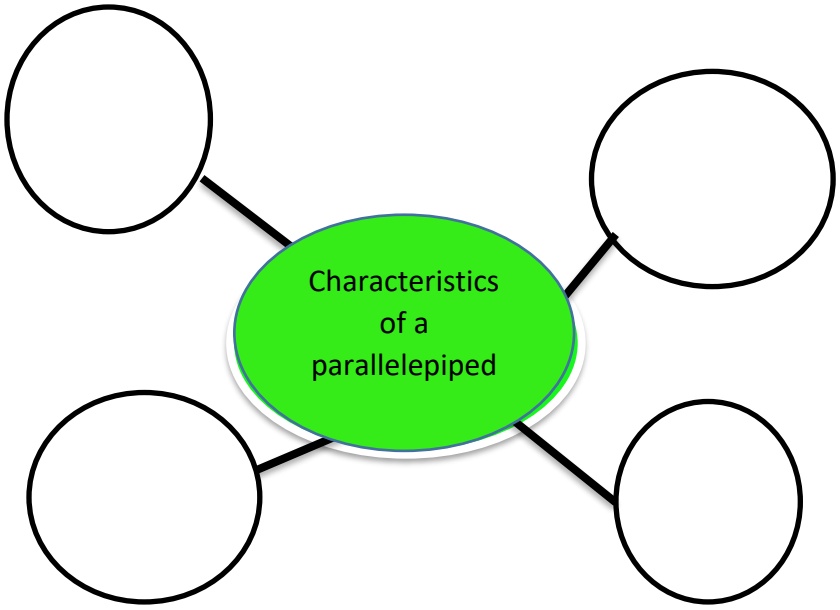
- **Observe the following cone then complete?**



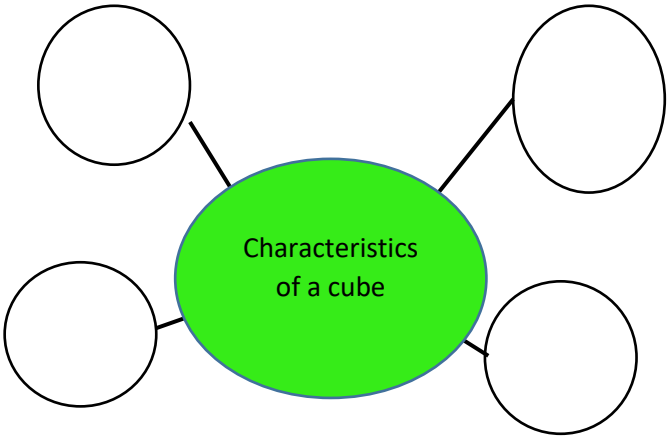
Number of vertices	Number of faces	Number of sides
.....	.....	.....

Worksheet (10)

- Complete the following diagram with the characteristics of the parallelepiped?

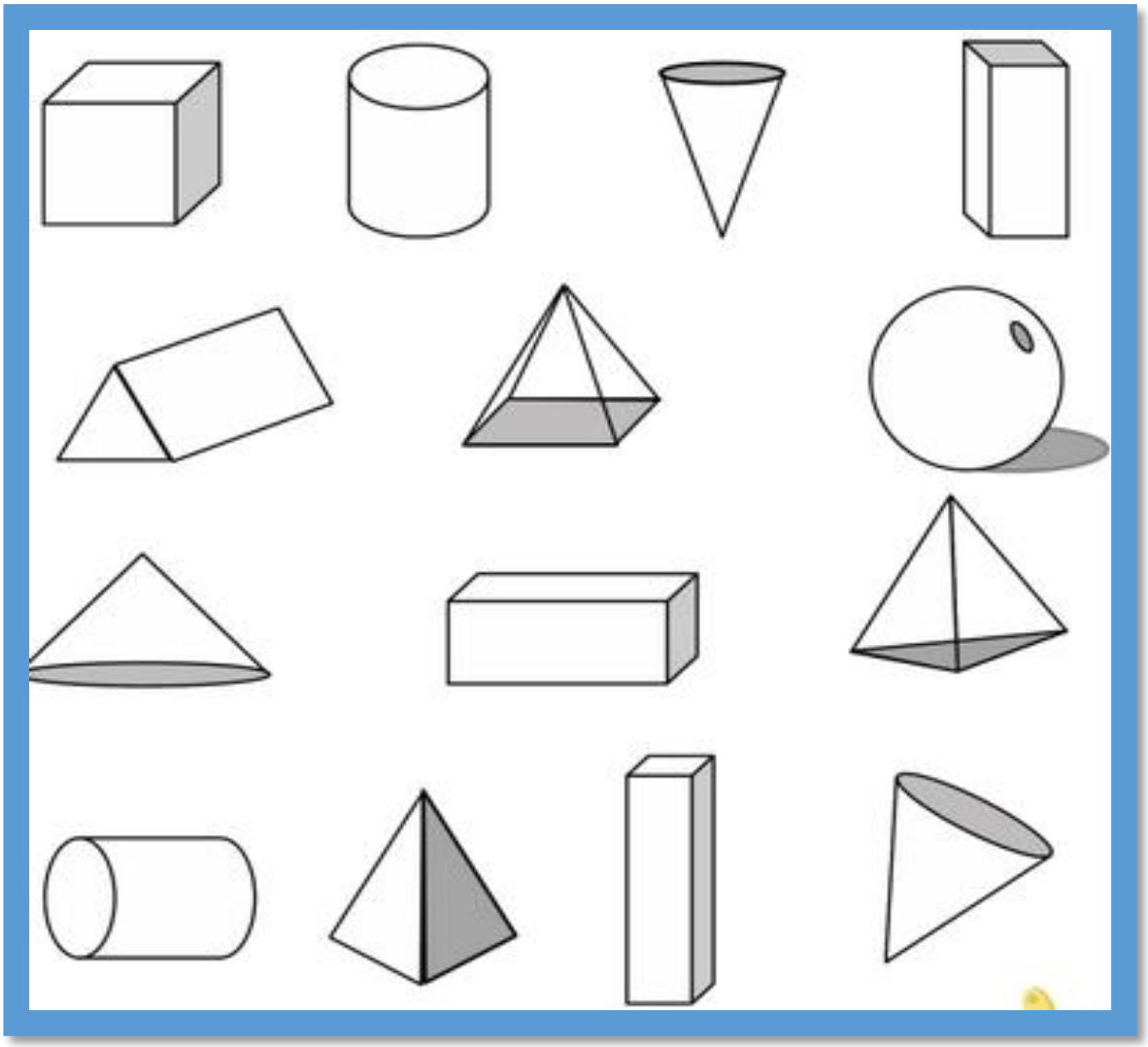


- Complete the following diagram with the characteristics of the cube?



Worksheet (11)[37]

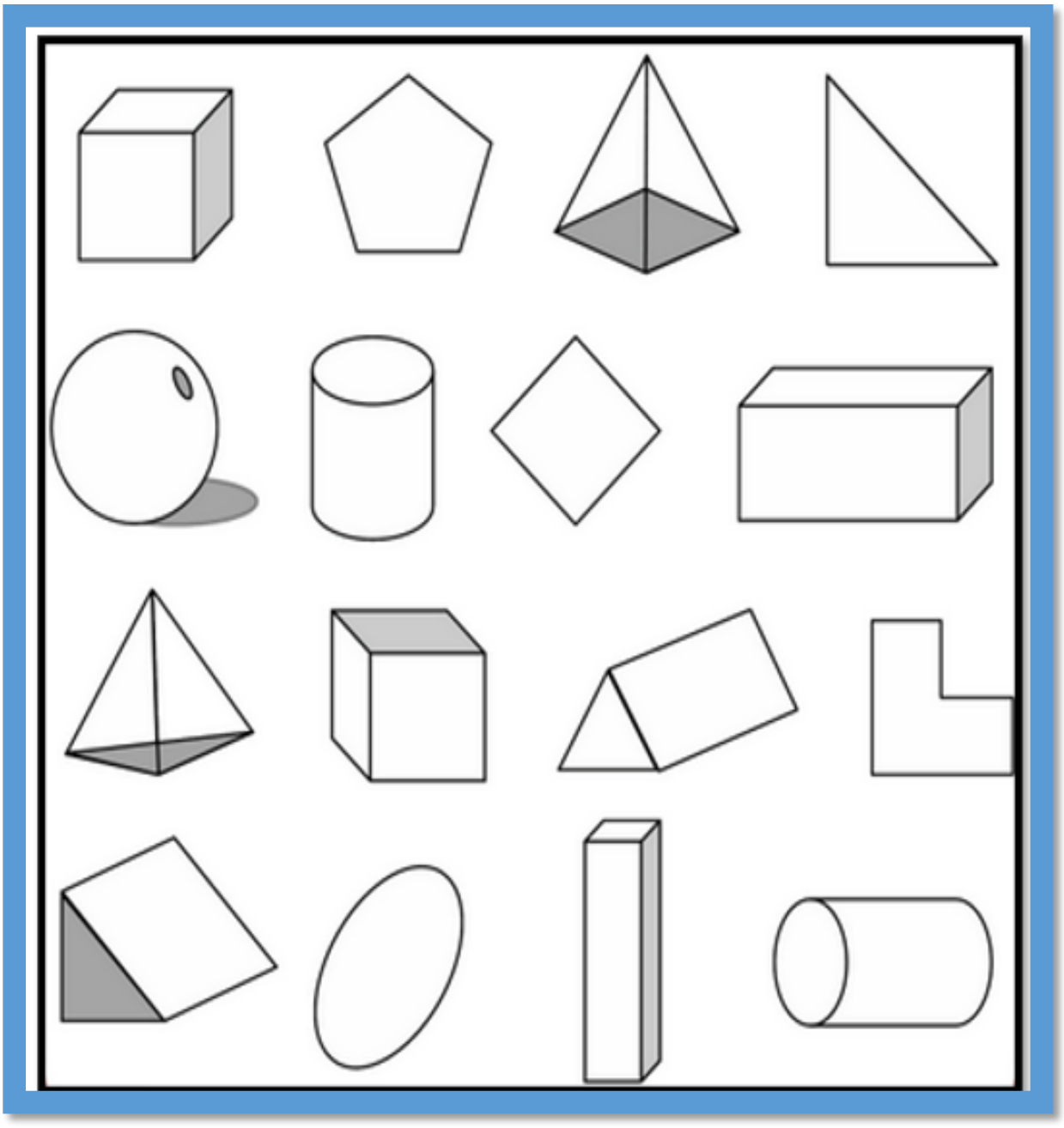
Discuss orally with your student the name of each solid:



[1] https://math-center.org/ar-BH/worksheet/a4cec631/%D8%AA%D8%AD%D8%AF%D9%8A%D8%AF-%D8%A7%D9%84%D9%85%D8%AE%D8%A7%D8%B1%D9%8A%D8%B7-%D9%88%D8%A7%D9%84%D8%A7%D9%94%D9%87%D8%B1%D8%A7%D9%85/

Worksheet (12)[38]

- Color the cylinder by yellow
- Color the cube by red.



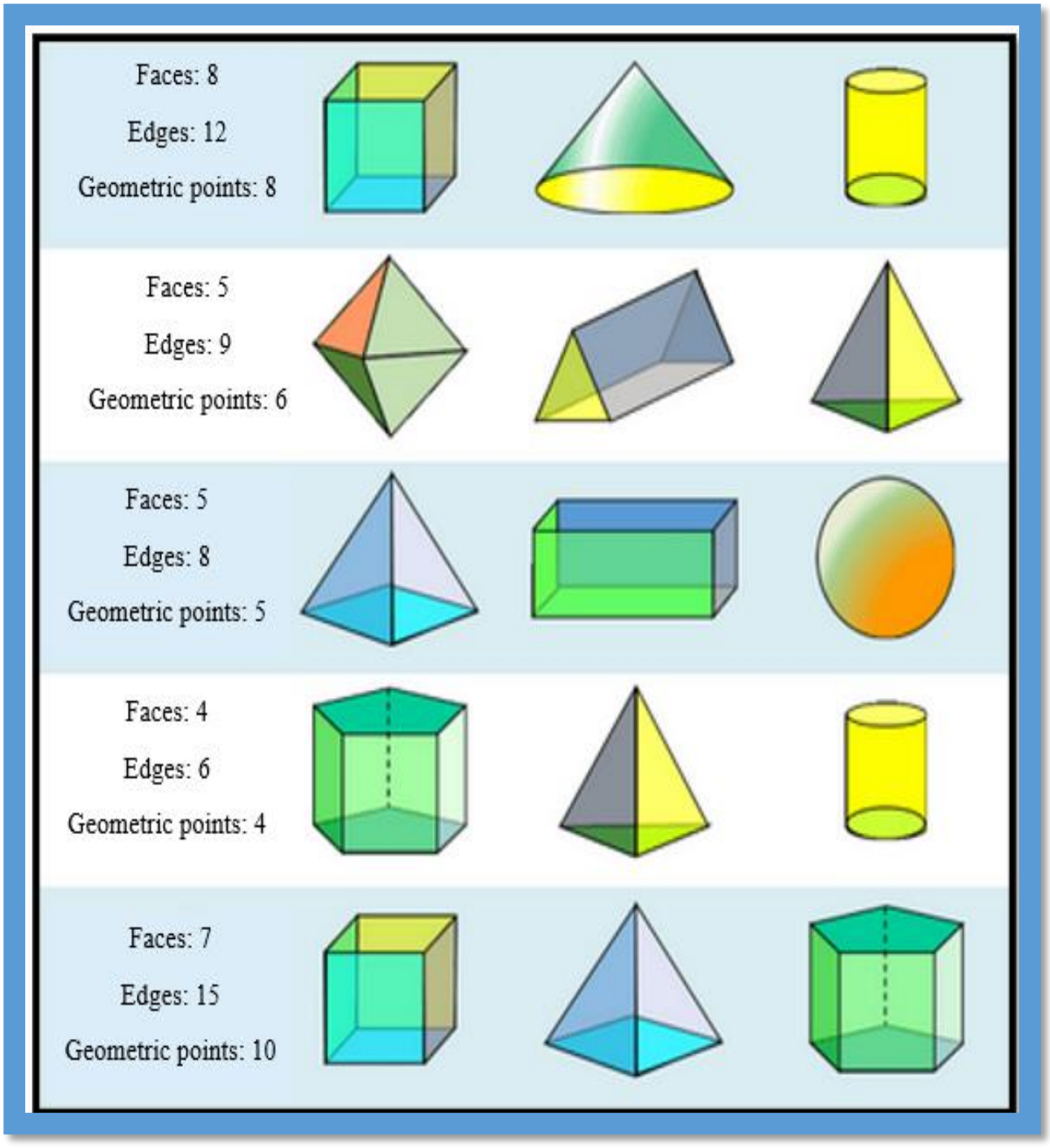
Worksheet (13)[39]

Observe then complete the following table (discuss orally).

	Number of vertices	Number of sides	Number of faces	The shape
				The cube
				Prism
				Parallelepiped
				Cylinder
				Sphere
				Pyramid
				Cone

Worksheet (14)[40]

- Circle the appropriate shape:



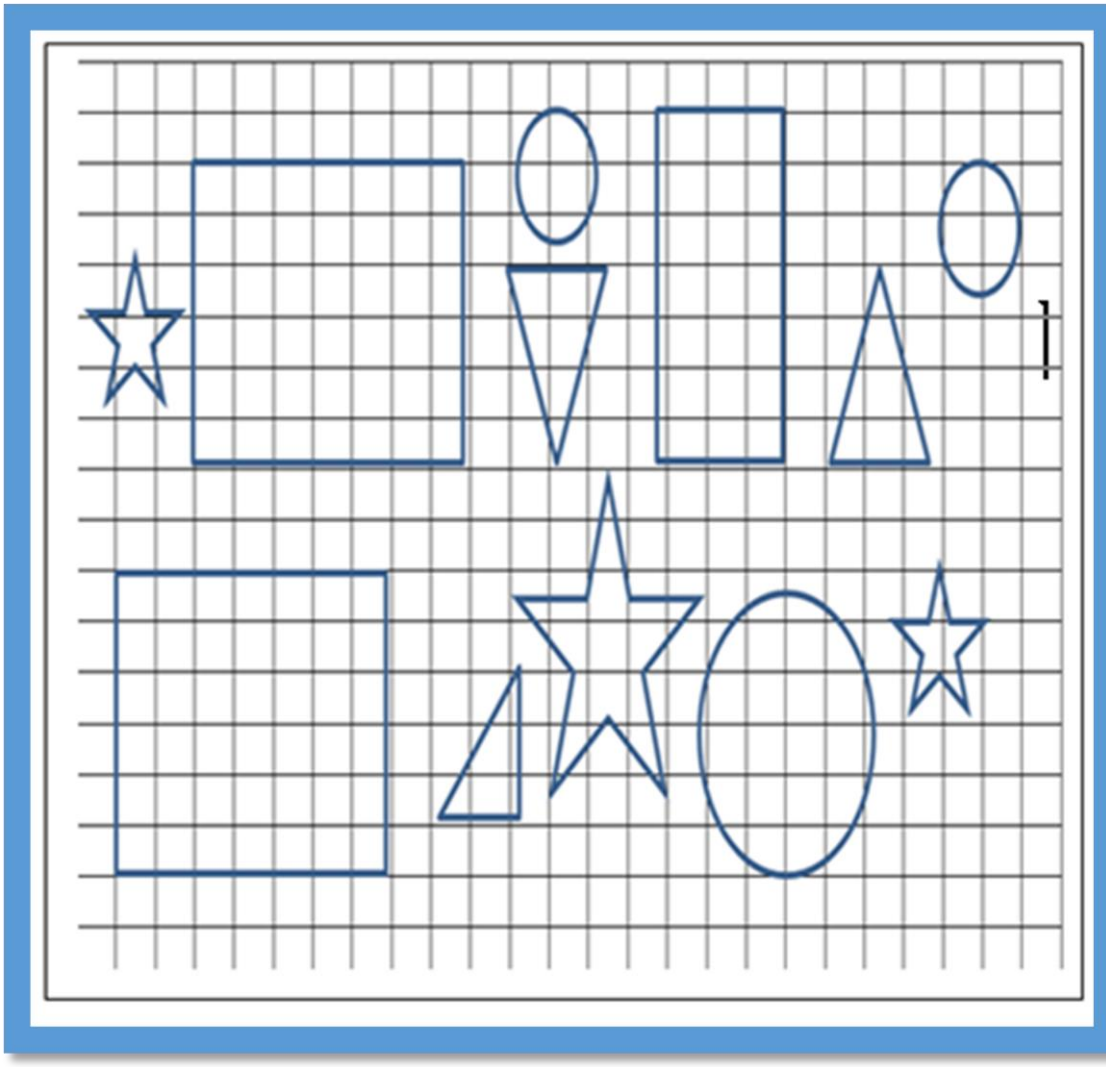
[1] https://math-center.org/ar-BH/worksheet/94d7f765

Topic (11)

Similarities and symmetry

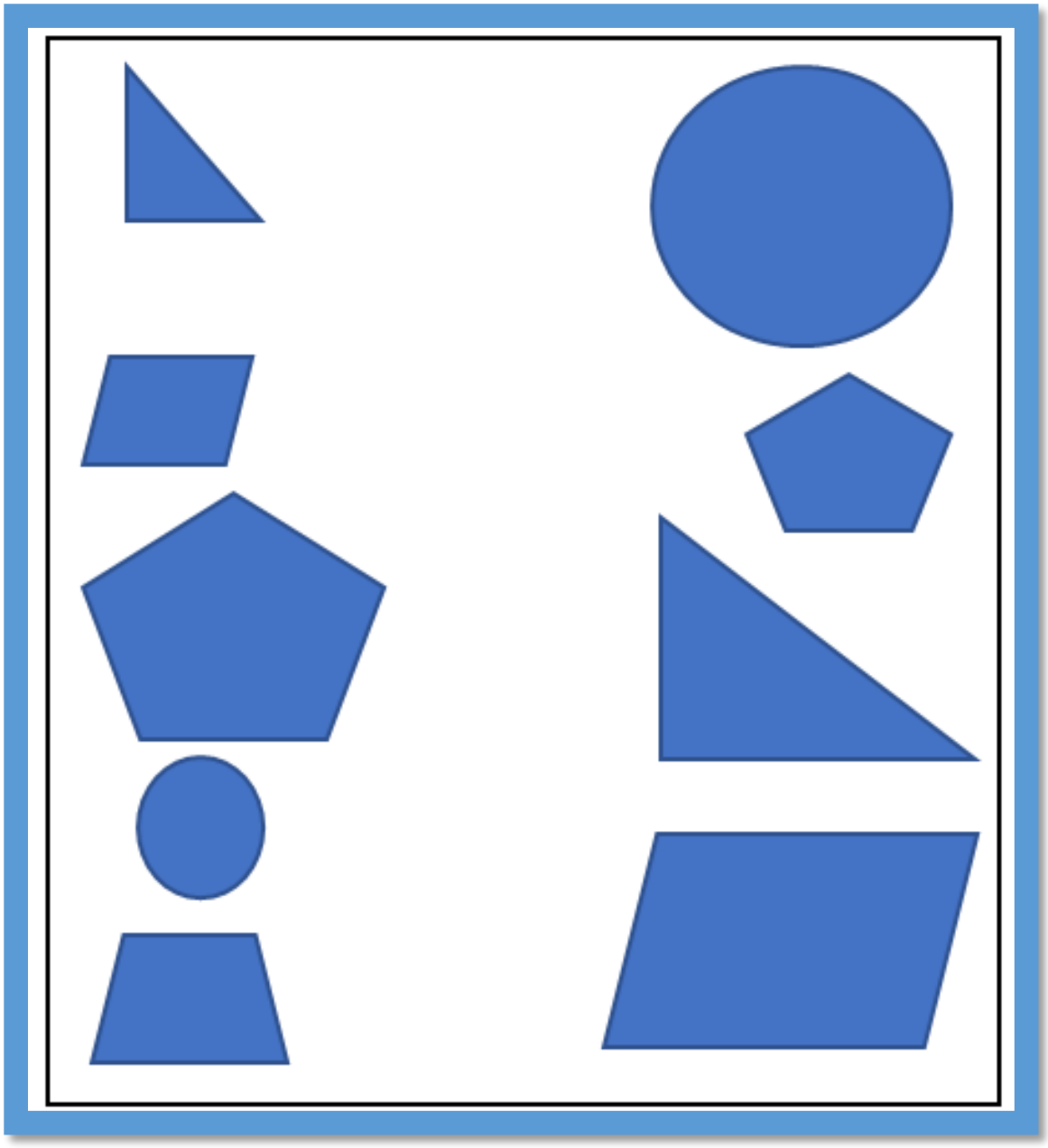
Worksheet (1)

- Color the identical shapes with the same color:



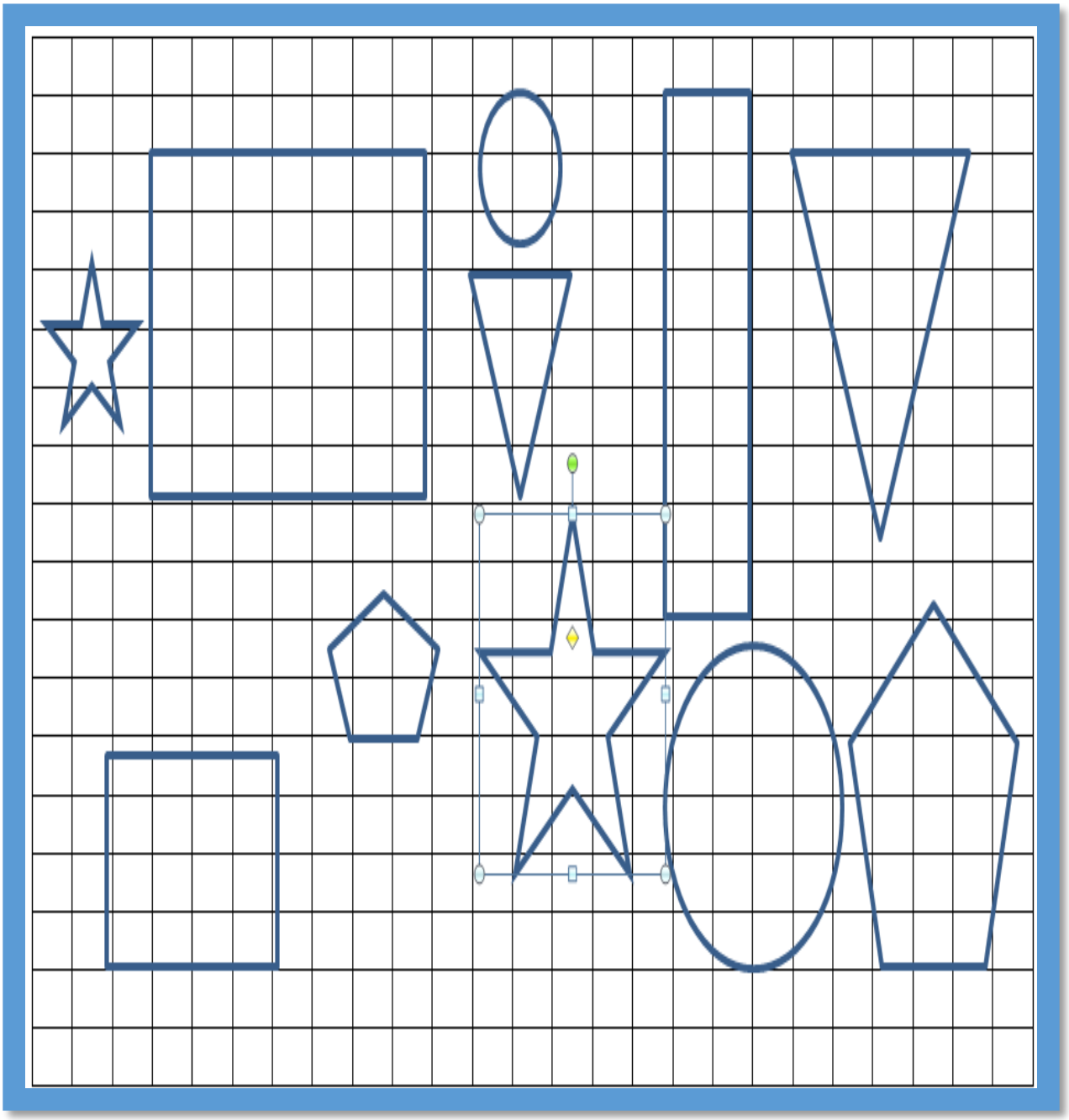
Worksheet (2)

- Color the identical images.



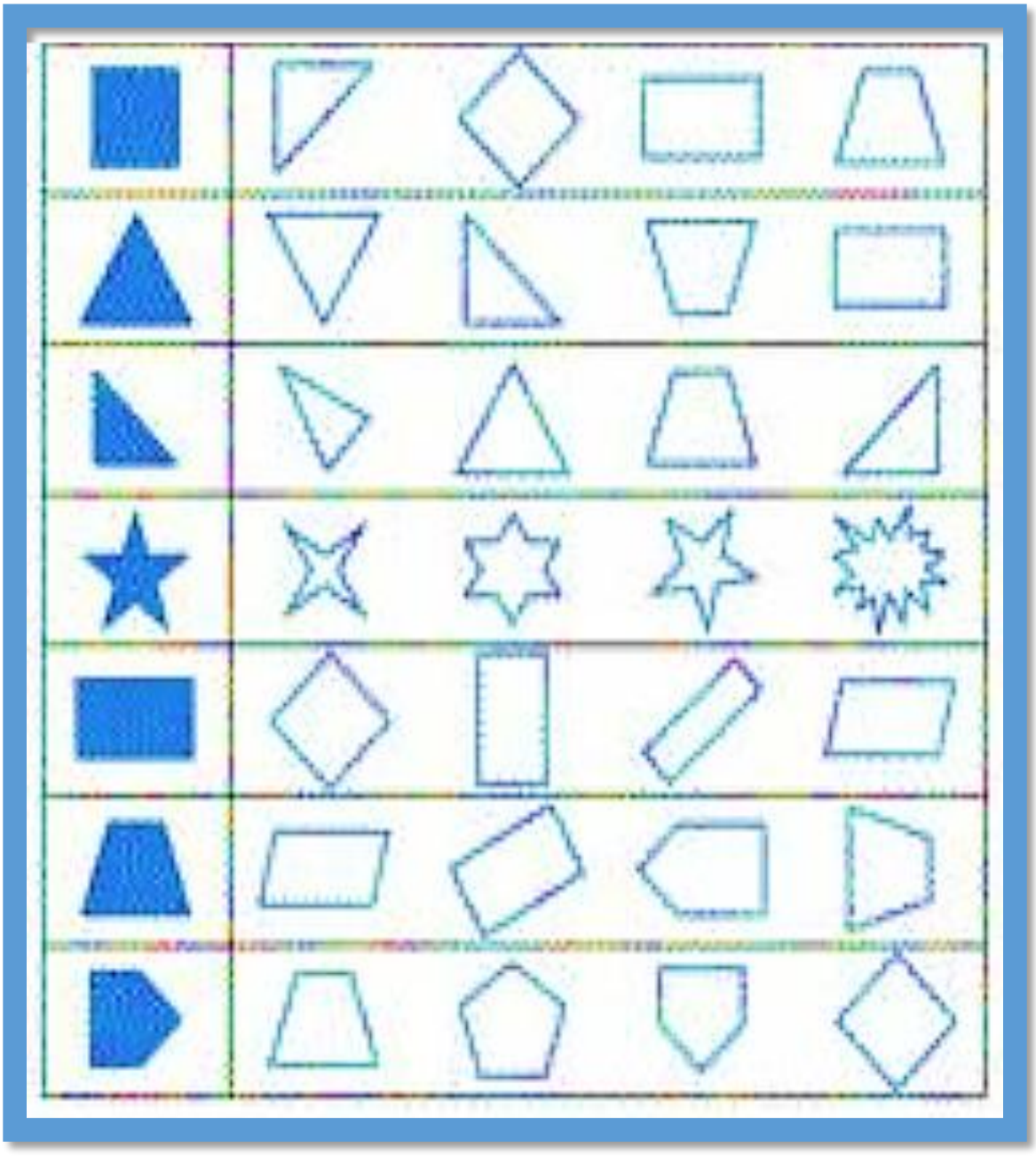
Worksheet (3)

- Color the identical shapes with the same color:



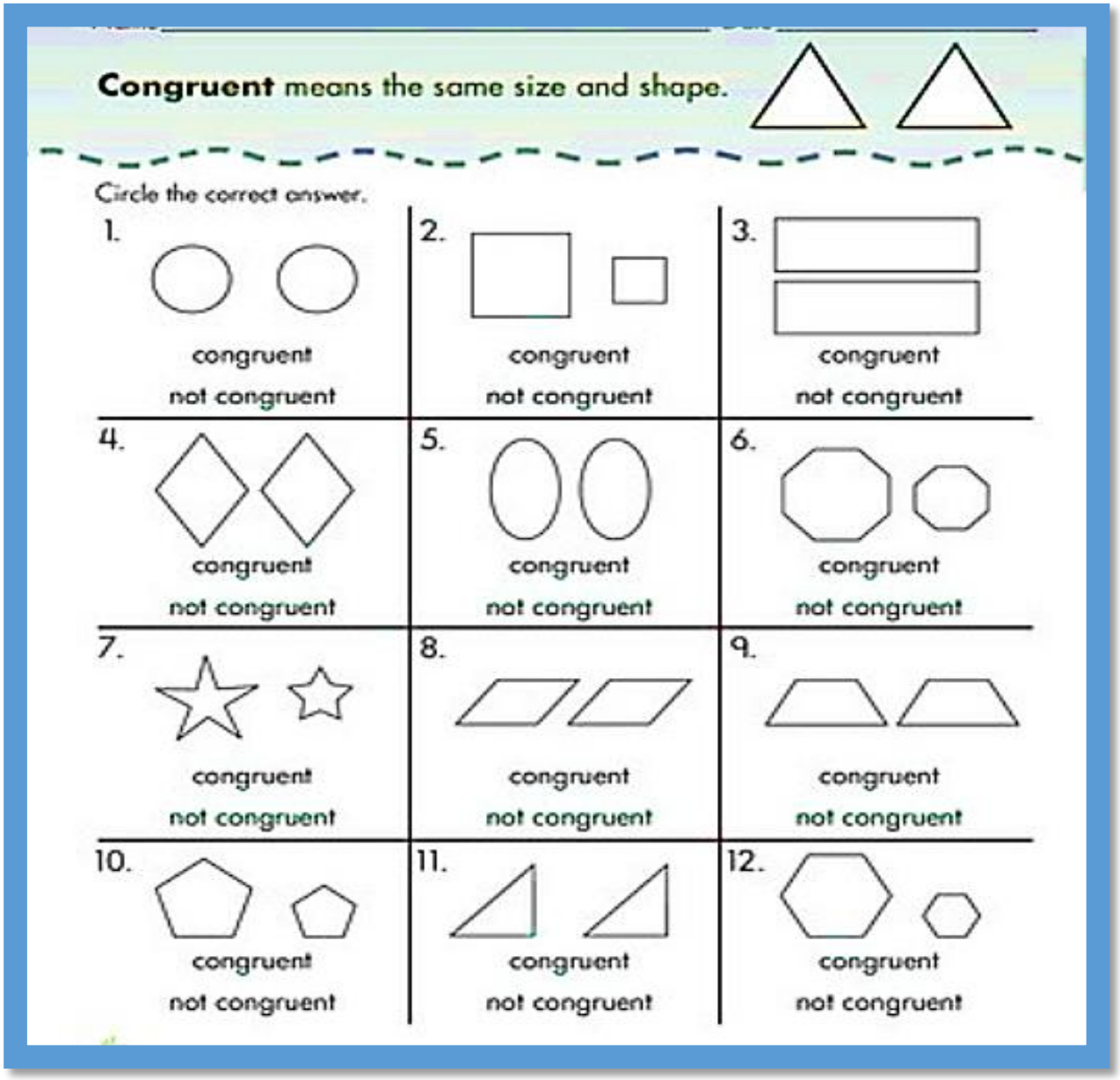
Worksheet (4)

Circle the identical shape to the colored one in each of the following:



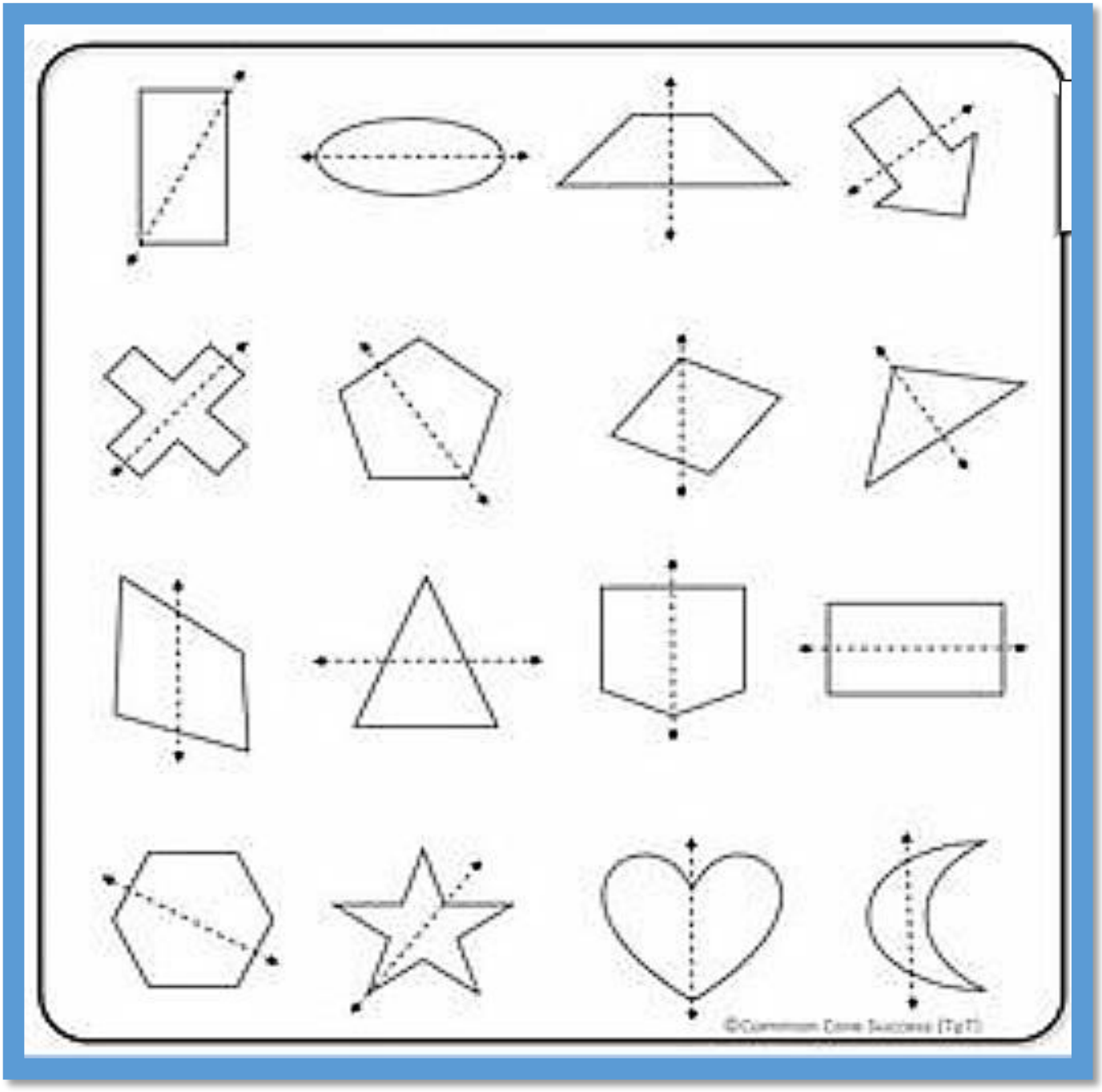
Worksheet (5)

Circle the identical shape to each of the following, color the identical shapes with green and the similar with blue.



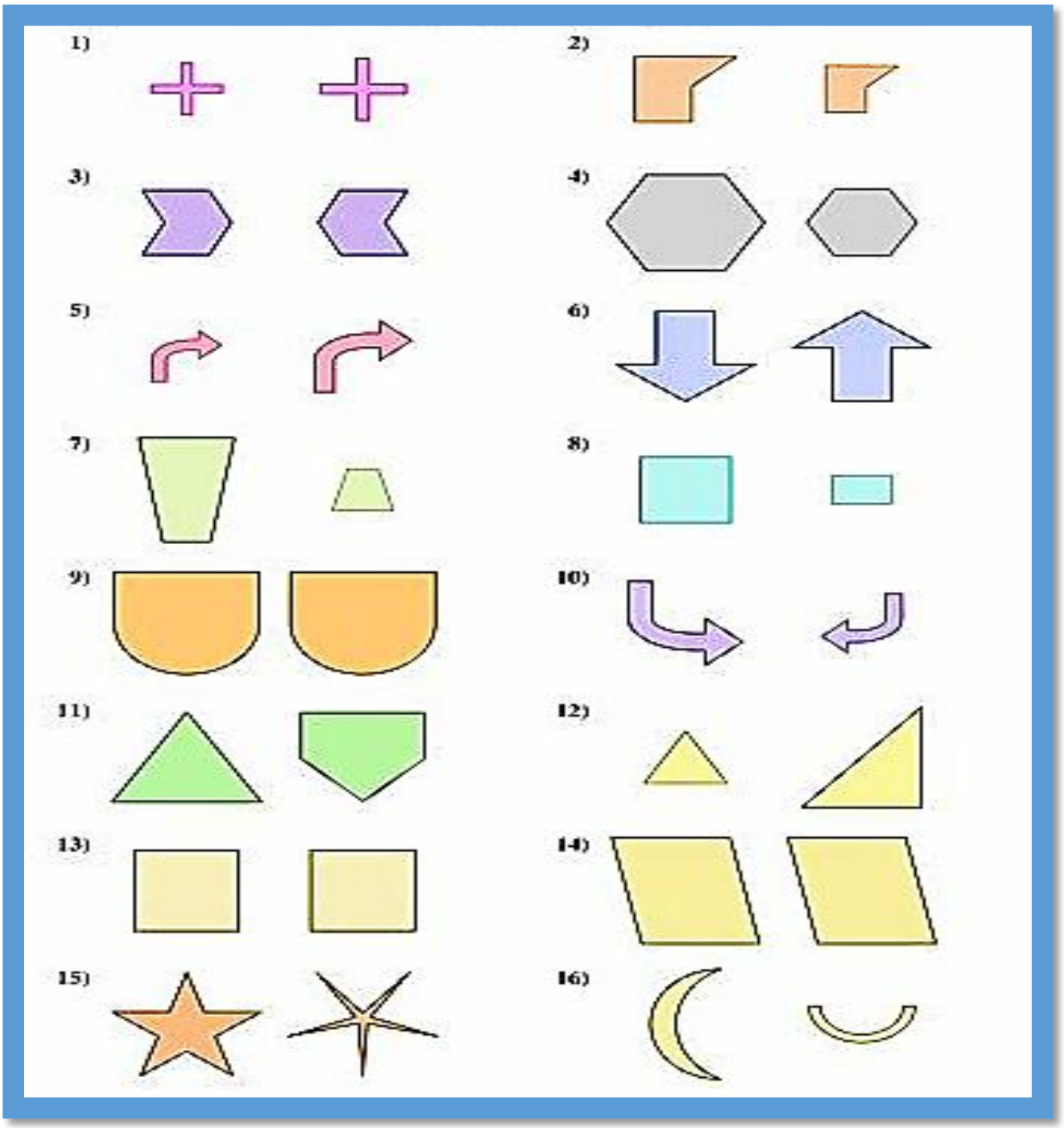
Worksheet (6)

Specify whether the drawn line in each of the following is an axis of symmetry or not.



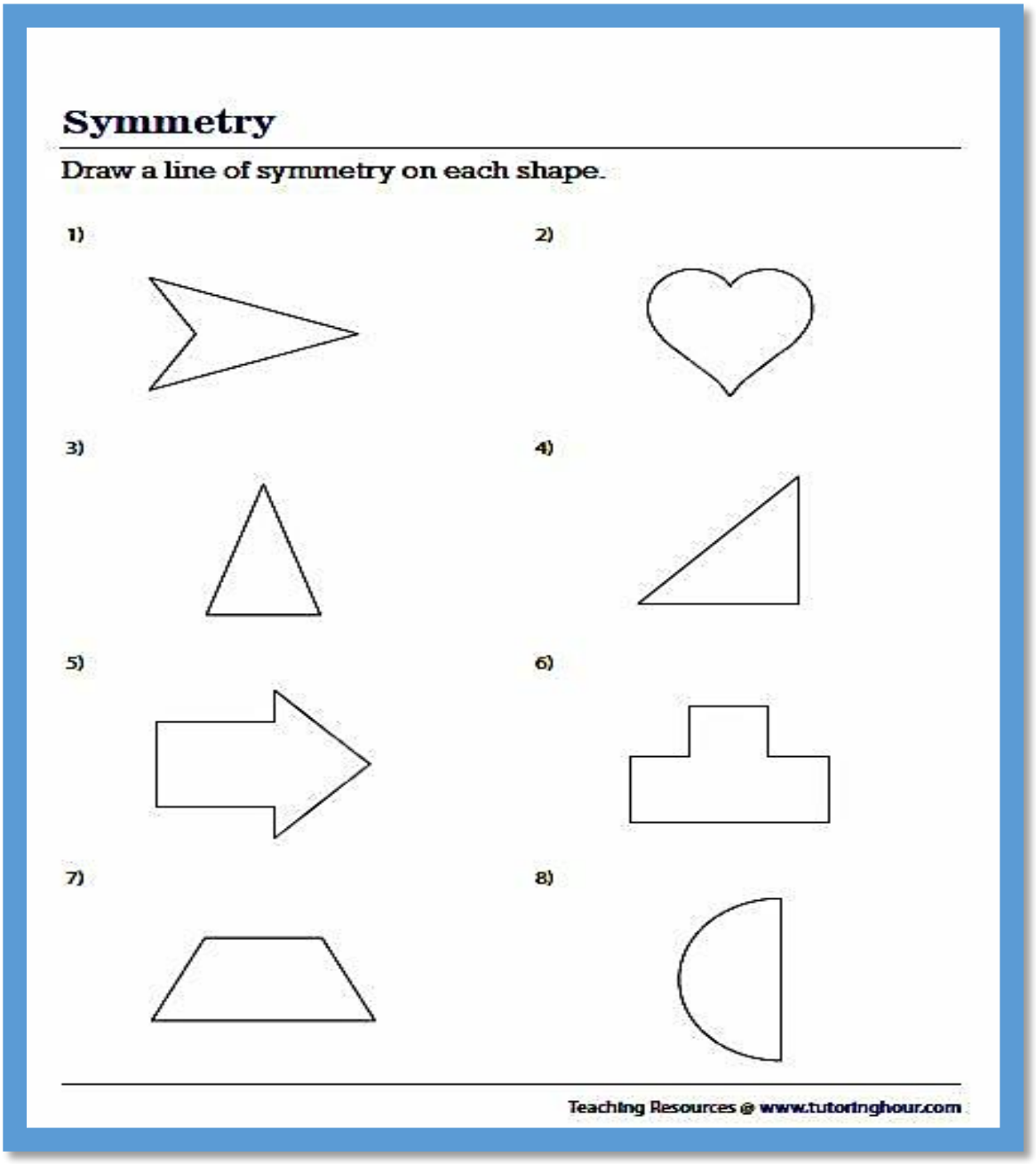
Worksheet (7)

- **Specify whether each couple is similar or identical.**



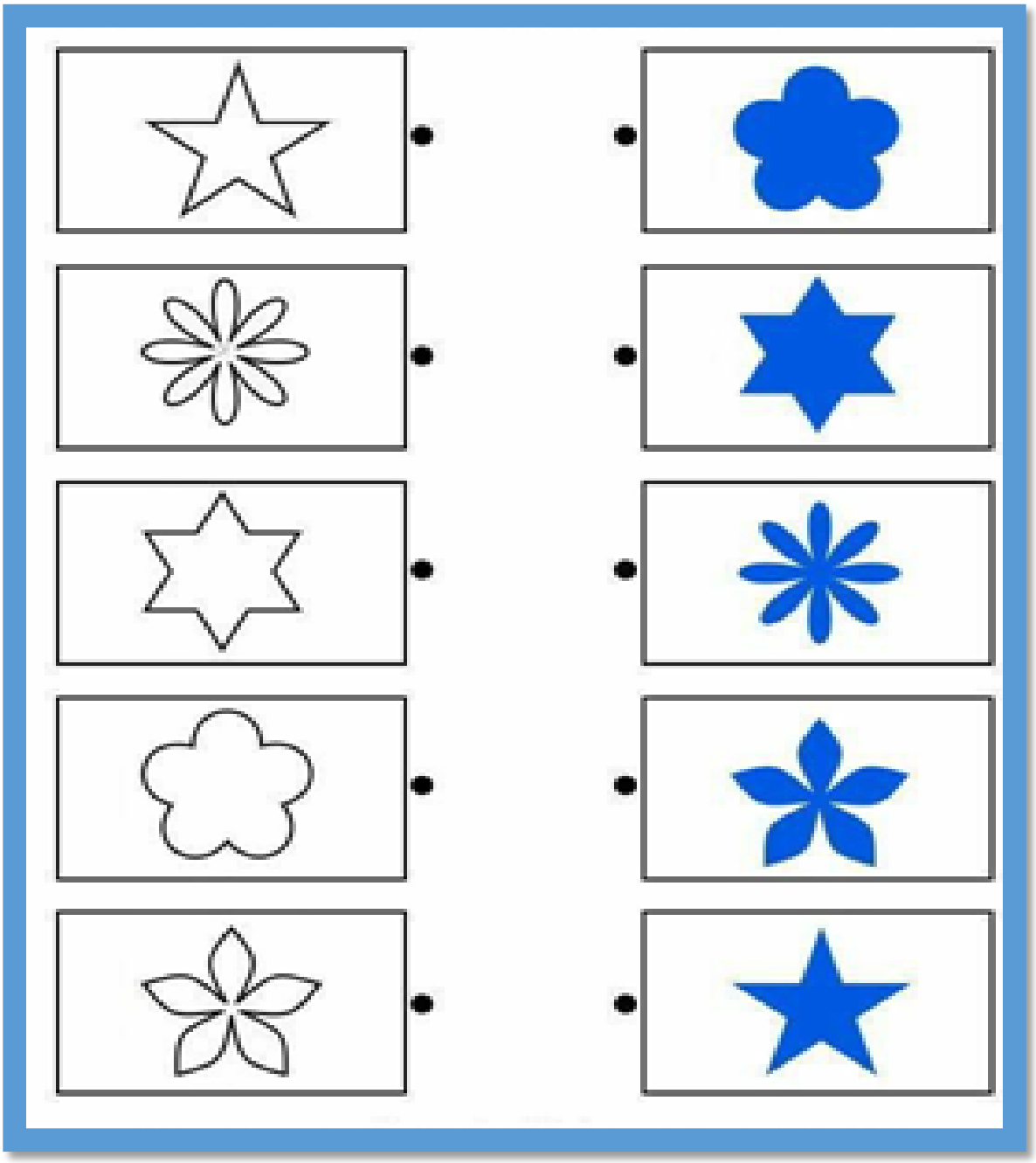
Worksheet (8)

- Draw the axis of symmetry for each shape.



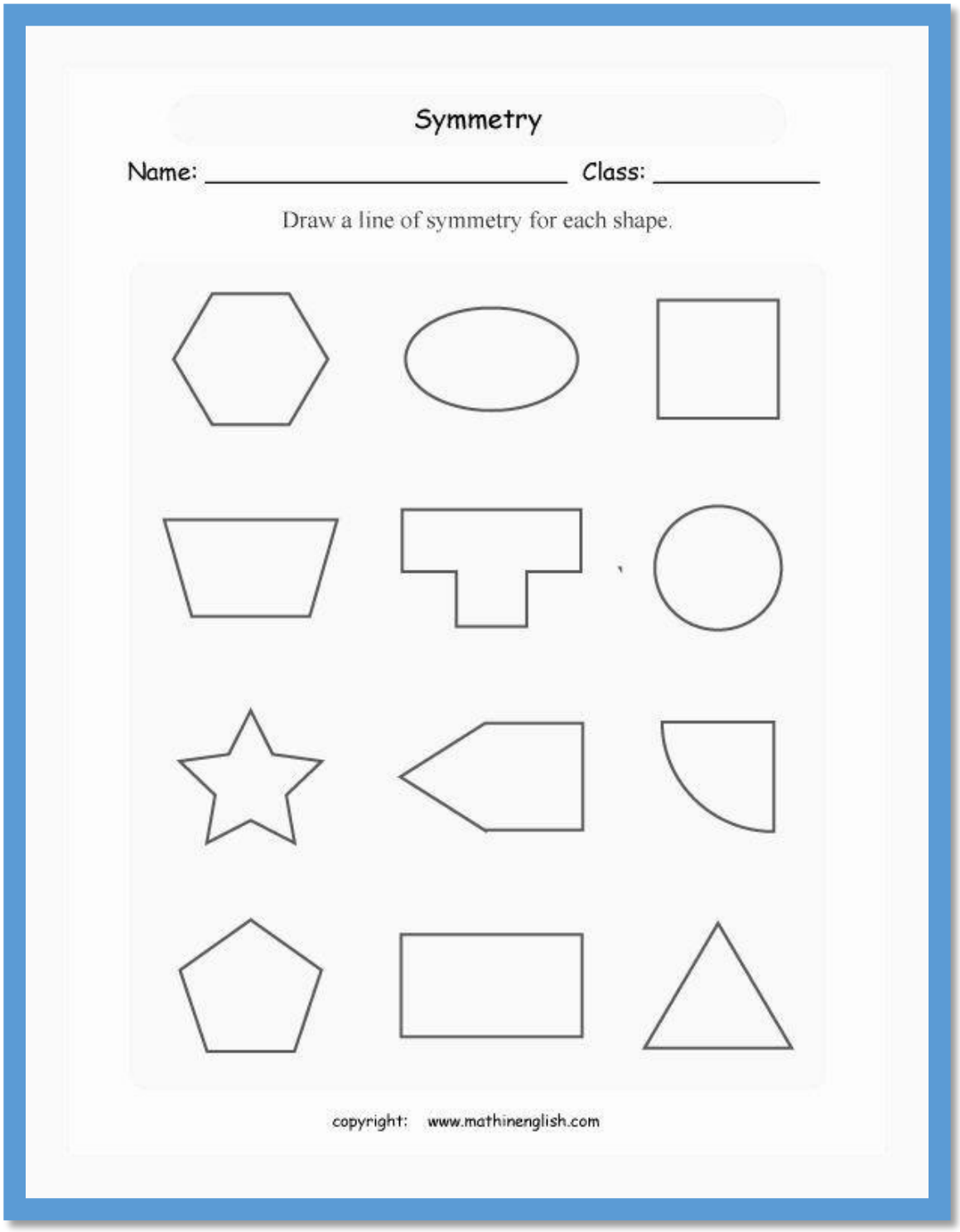
Worksheet (9)

Match the identical shapes:



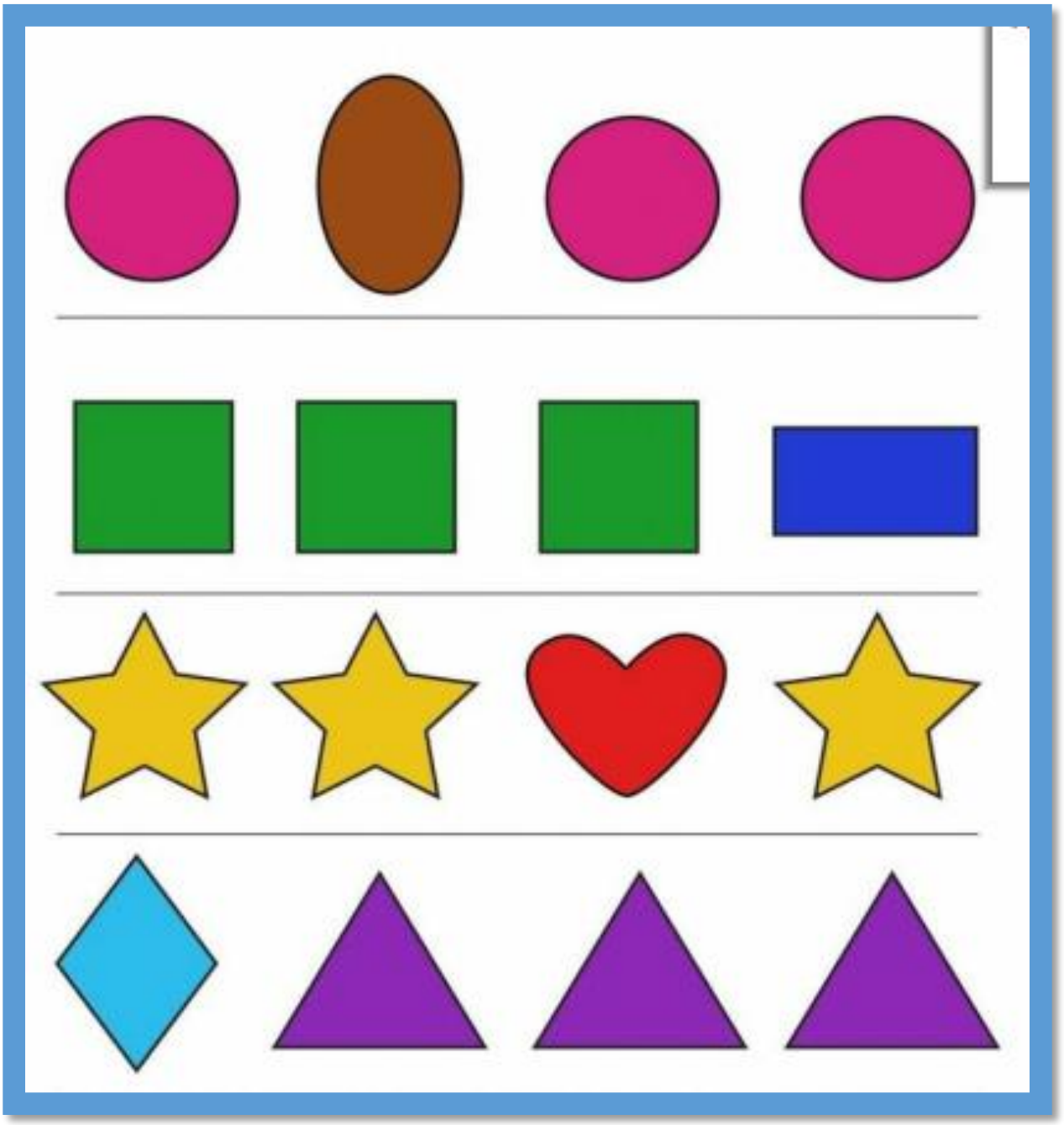
Worksheet (10)

- Draw the axis of symmetry for each shape.



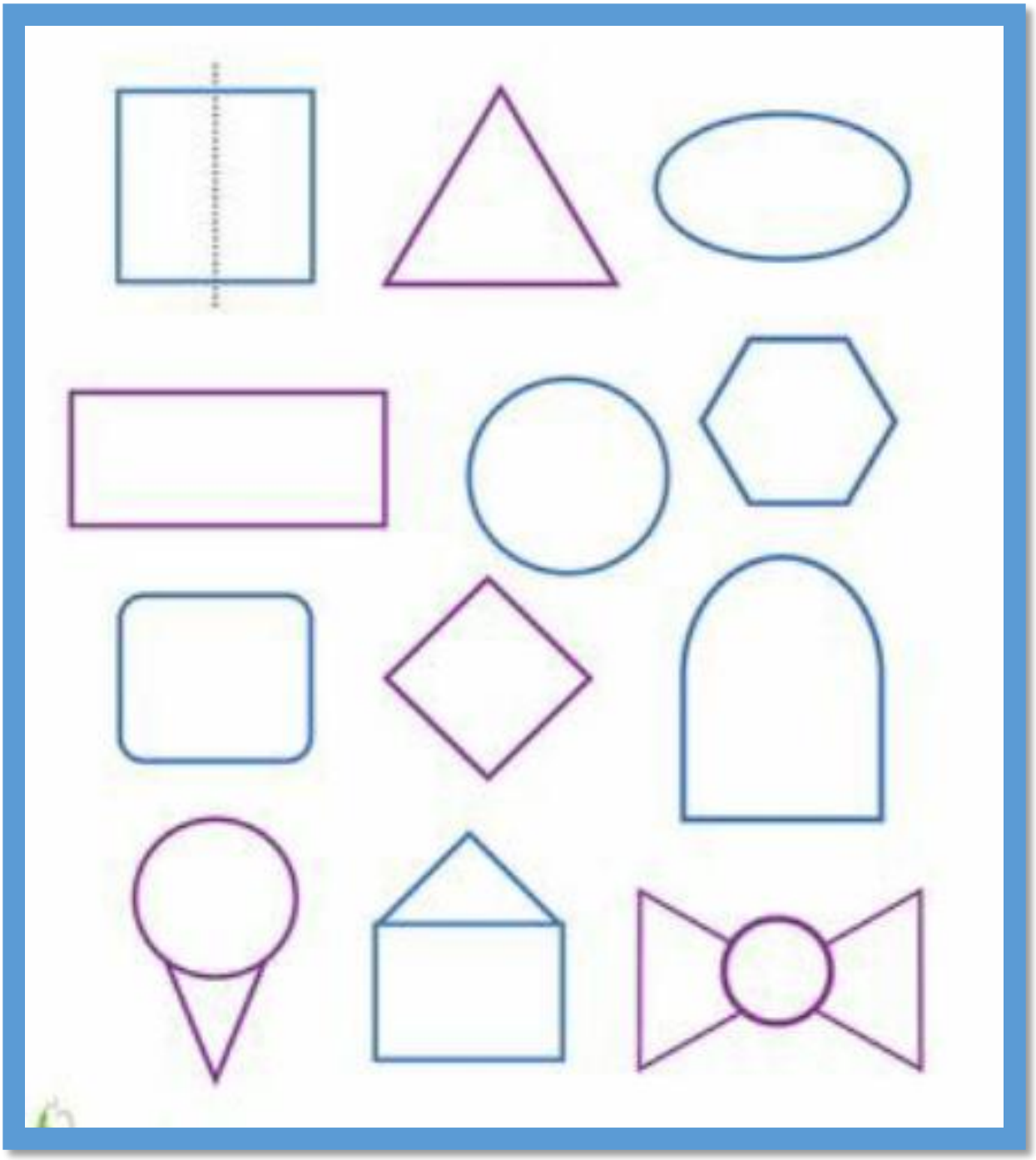
Worksheet (11)

- Circle the intruder.



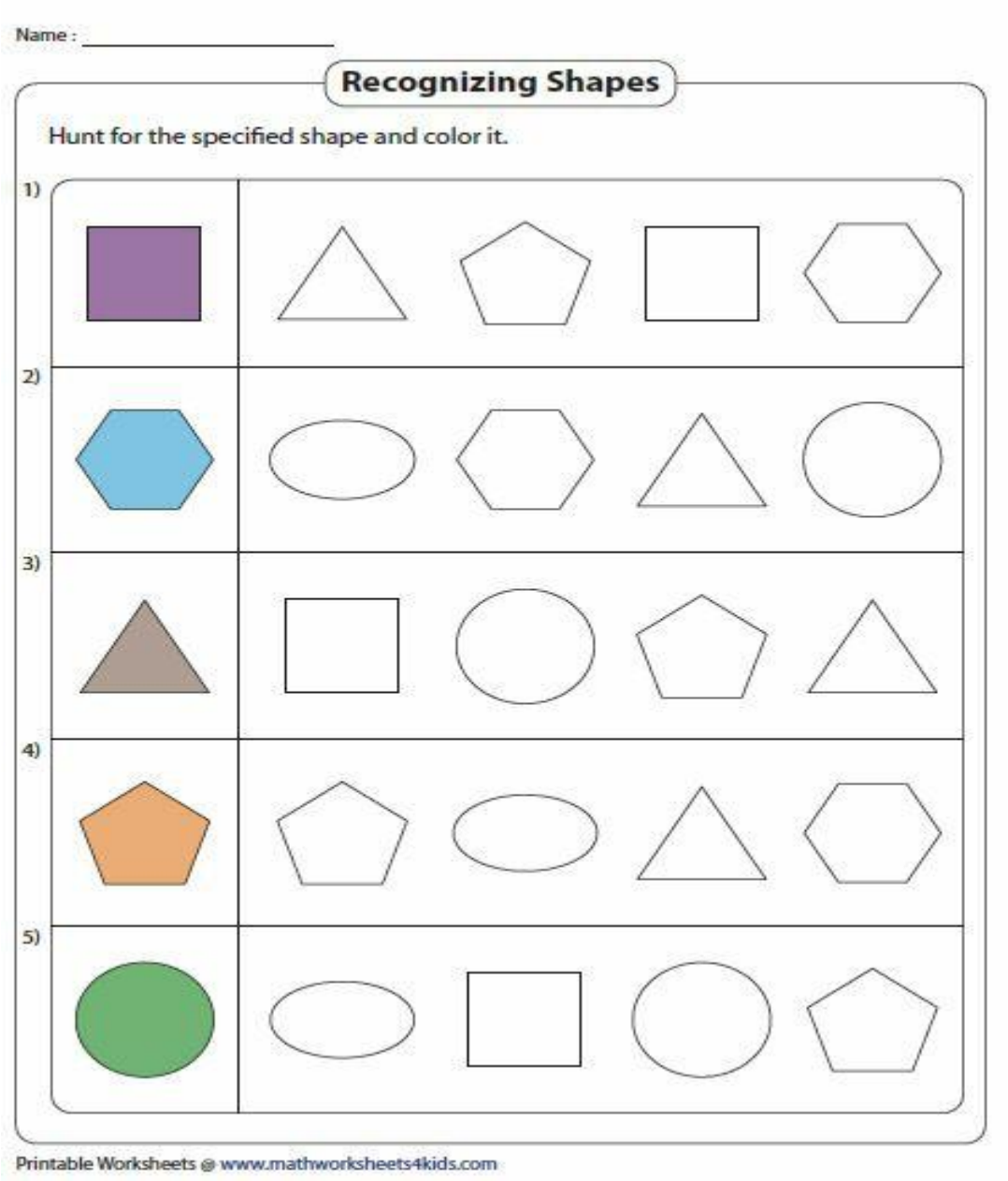
Worksheet (12)

- Draw the axis of symmetry for each shape.



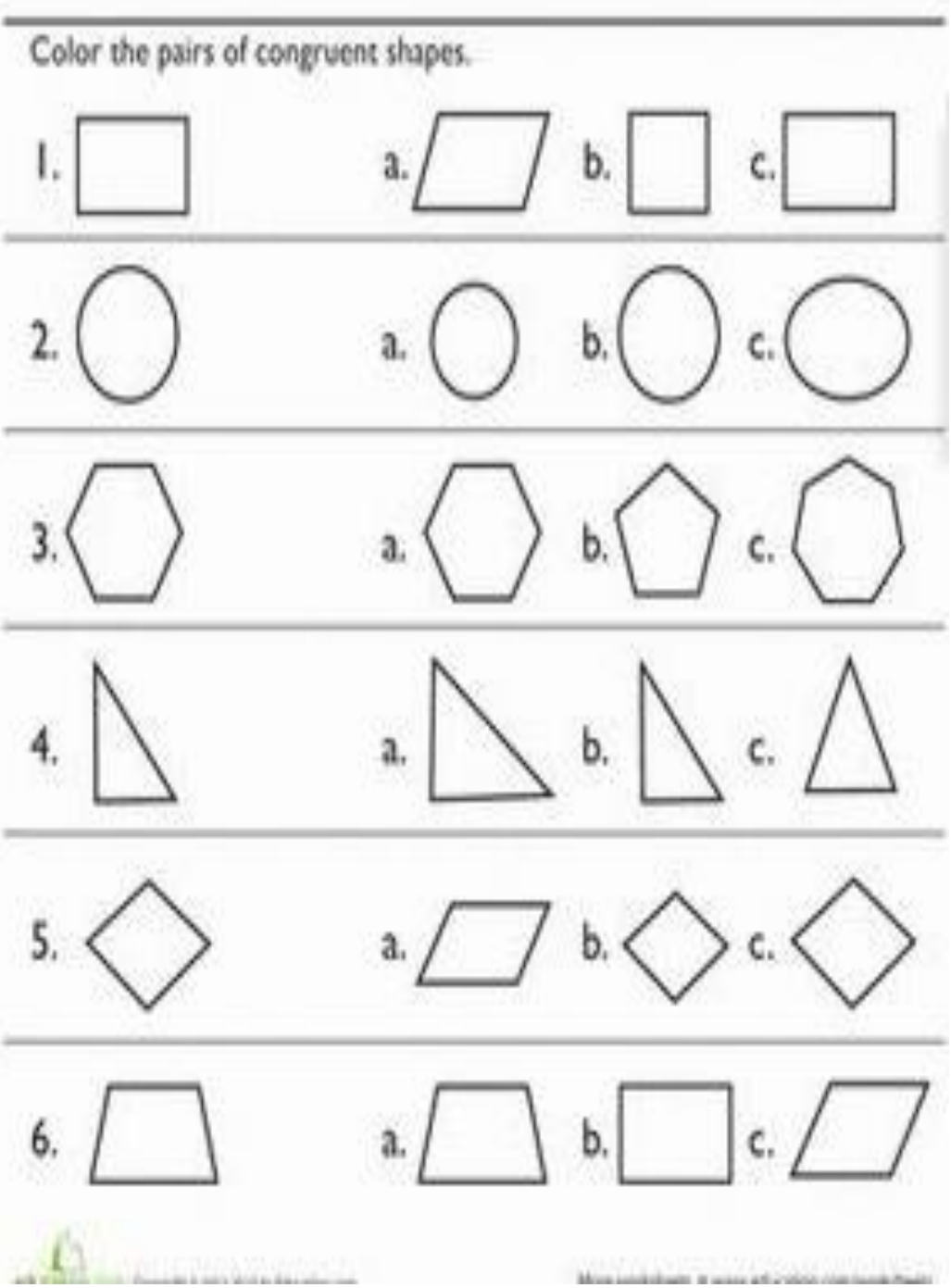
Worksheet (13)

- Color the shape that is identical to the given one.



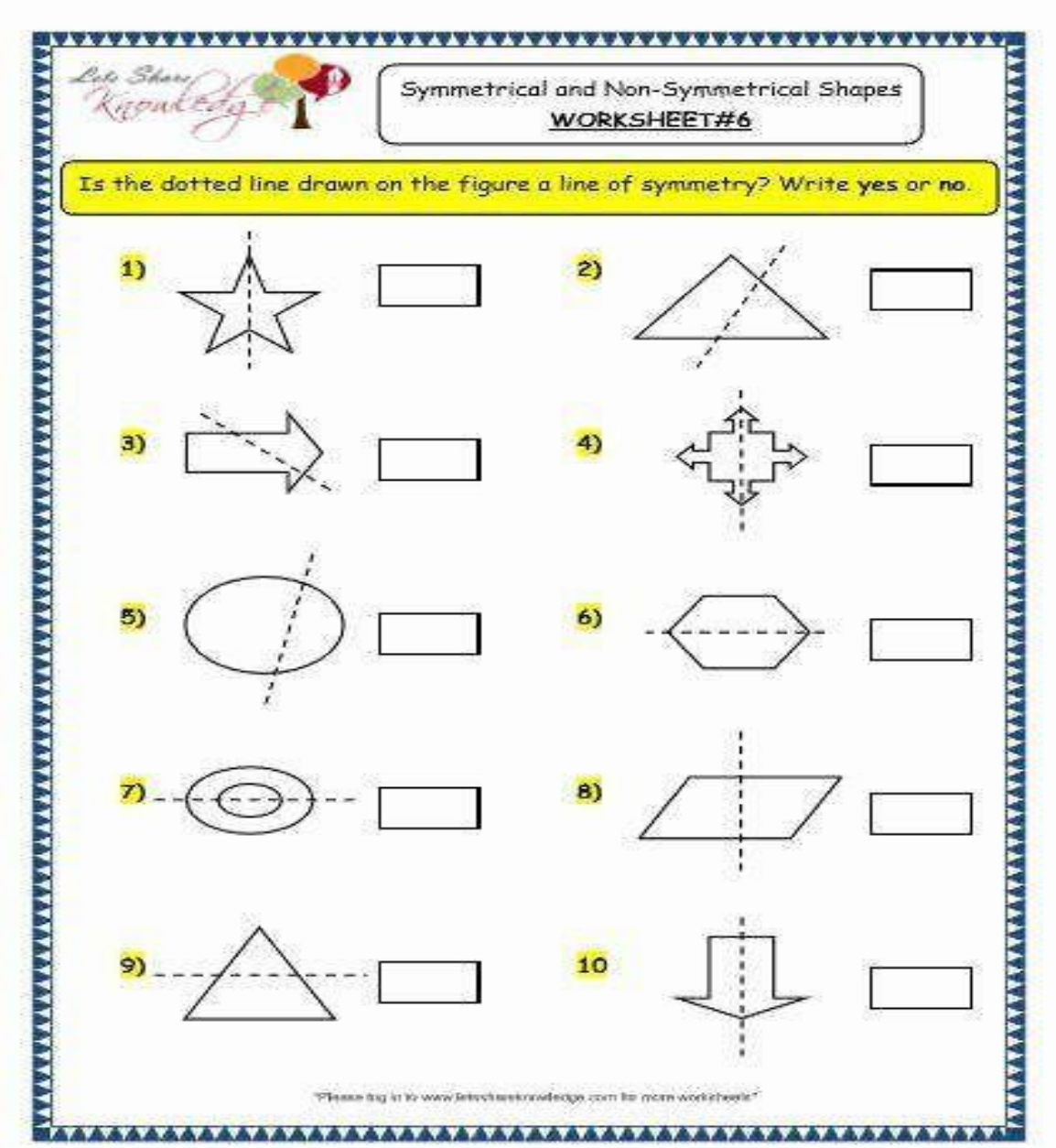
Worksheet (14)

- Color the identical shapes.



Worksheet (15)

- Is the drawn line an axis of symmetry in the following?



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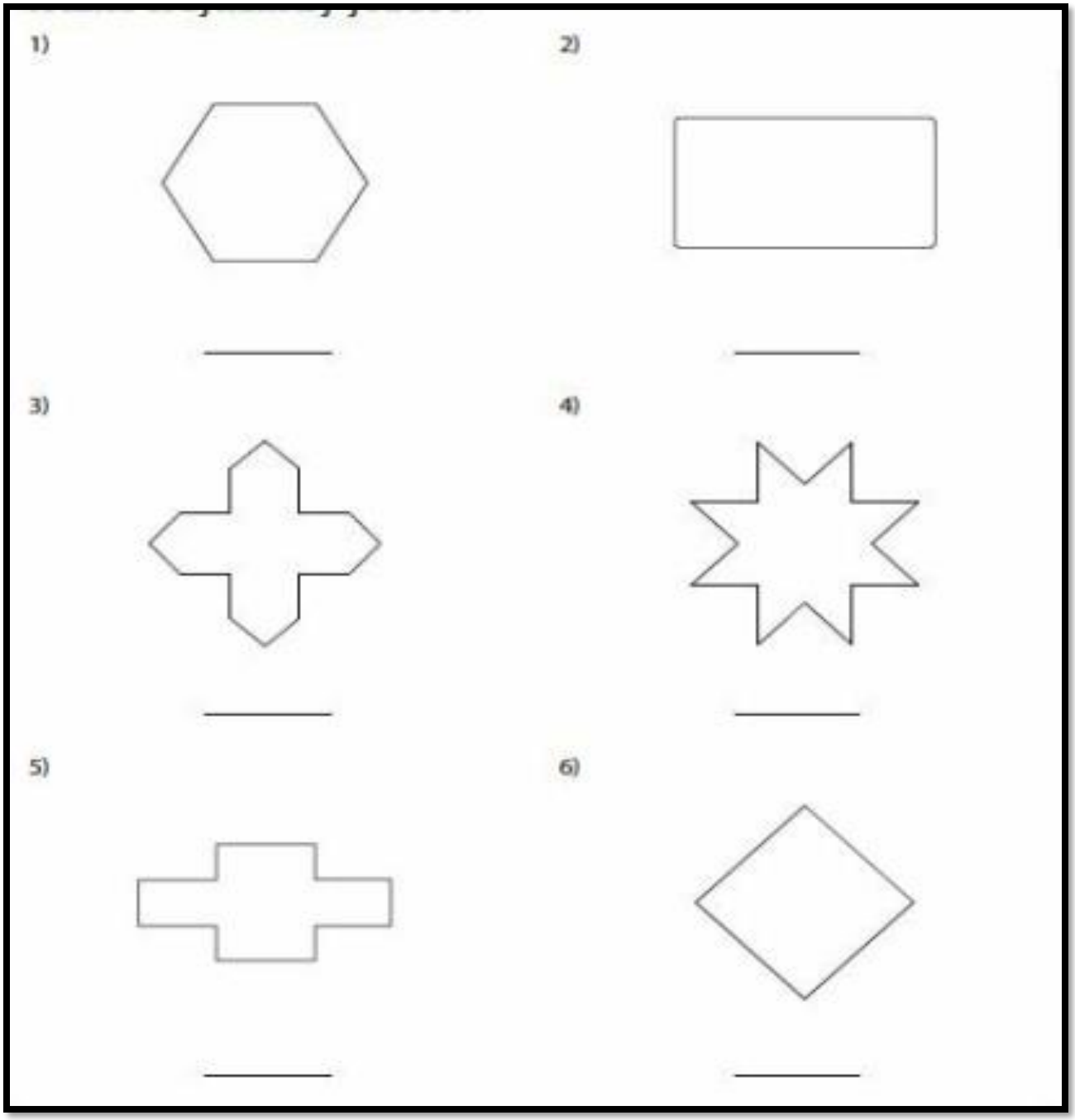
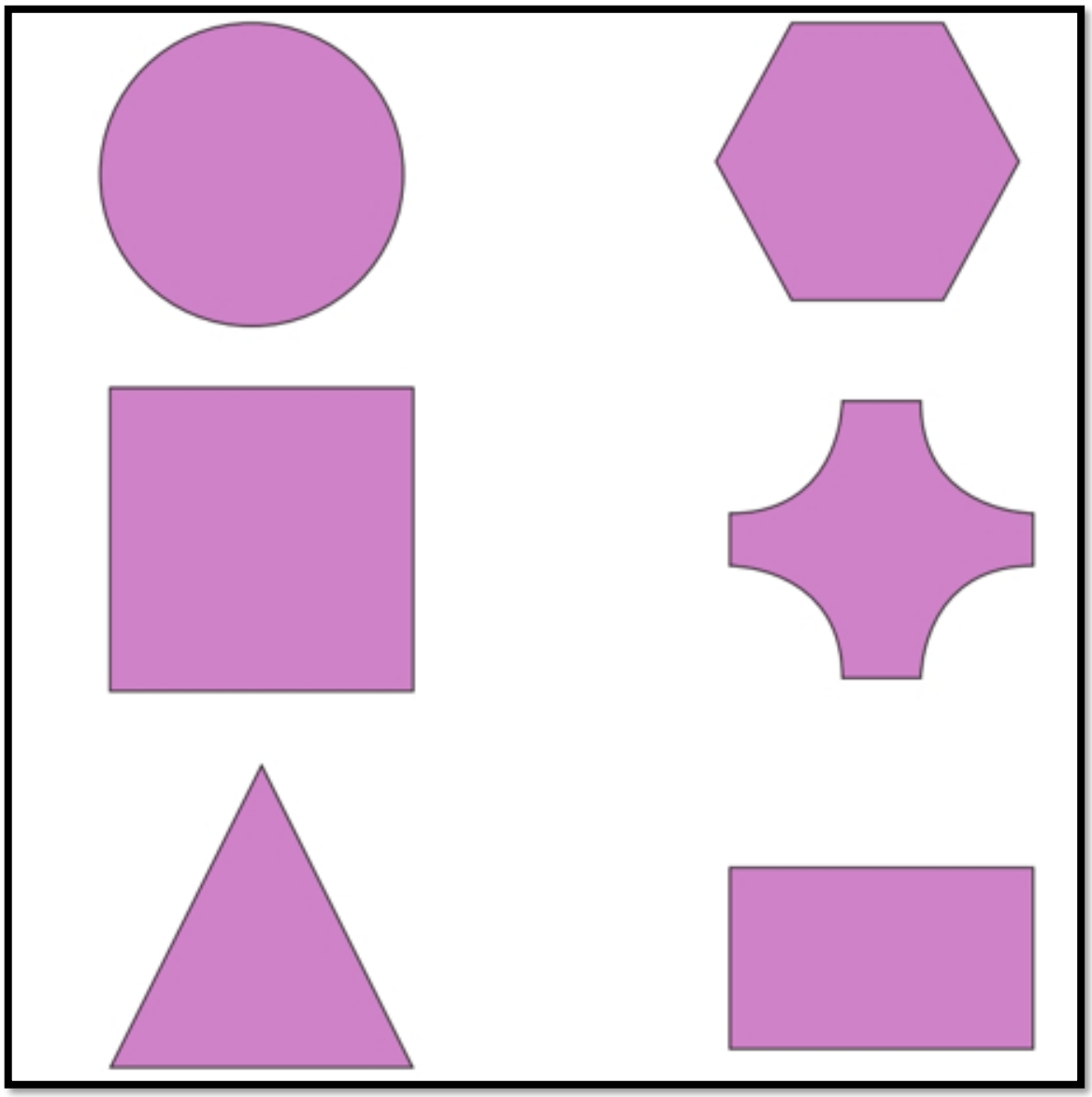
Worksheet (16)

Draw all the axes of symmetry for each shape and write their number.



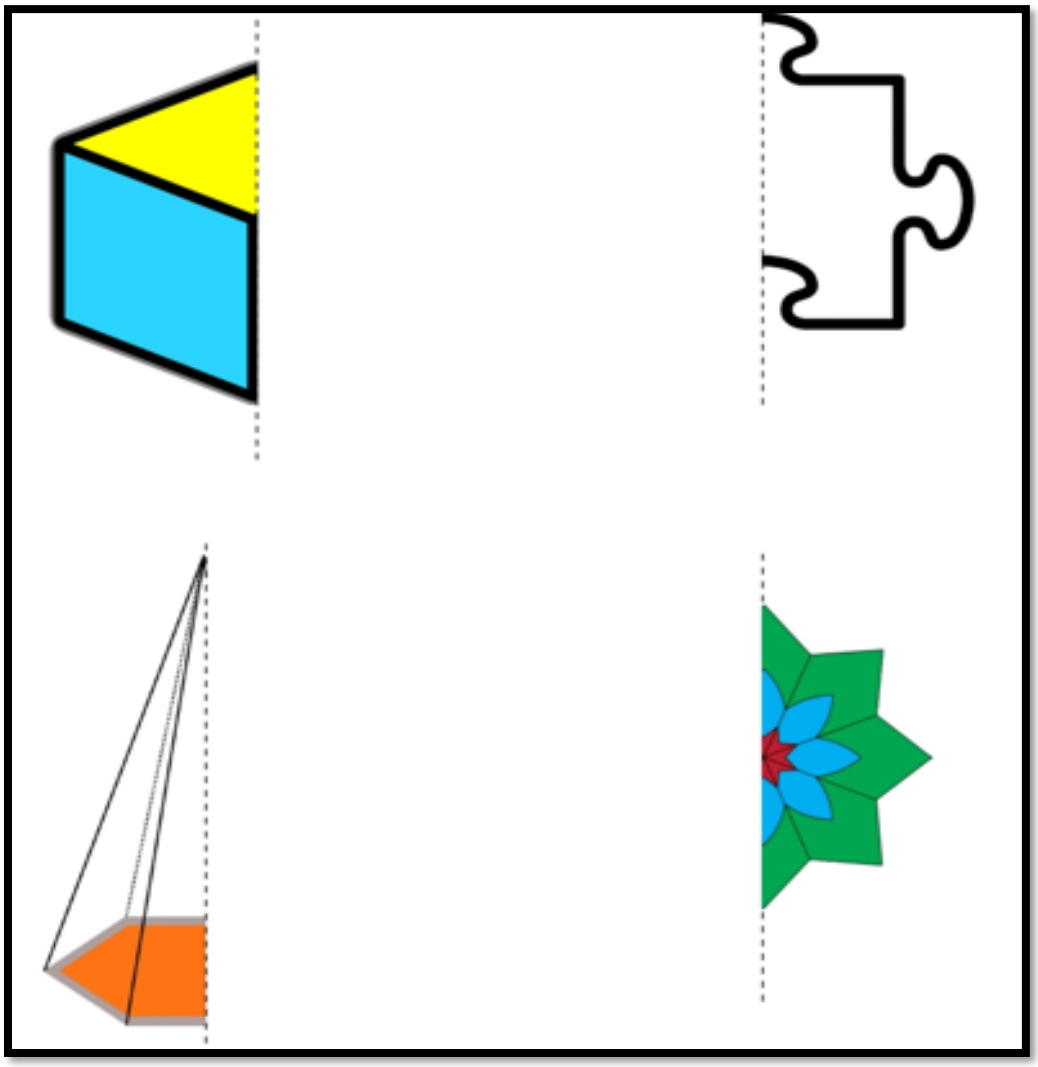
Worksheet (17)[41]

Draw the axis of symmetry, if possible.



Worksheet (18)[41]

- Complete drawing using symmetry.



Topic (12):

Measuring Lengths and its units

Diagnostic assessment Worksheet

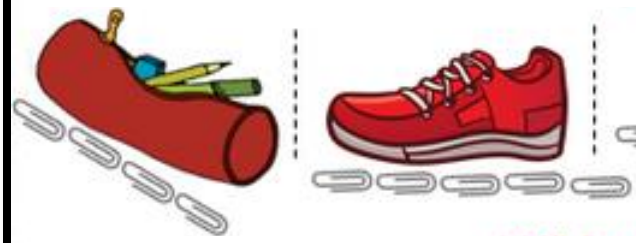
- Use non-standard units in each case to estimate length.

- Write the length of each drawing

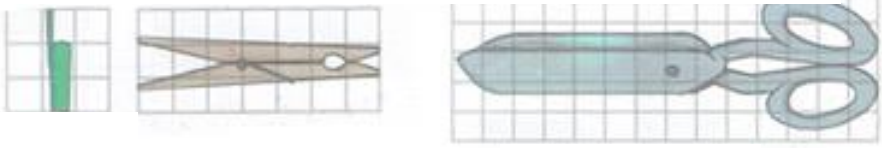
…….. clips

…….. clips

- Cross out the extra clips.



- Find length using squares.



…….. squares

…….. squares

…….. squares

- Help Amina in comparing the length of the two tables using two different units

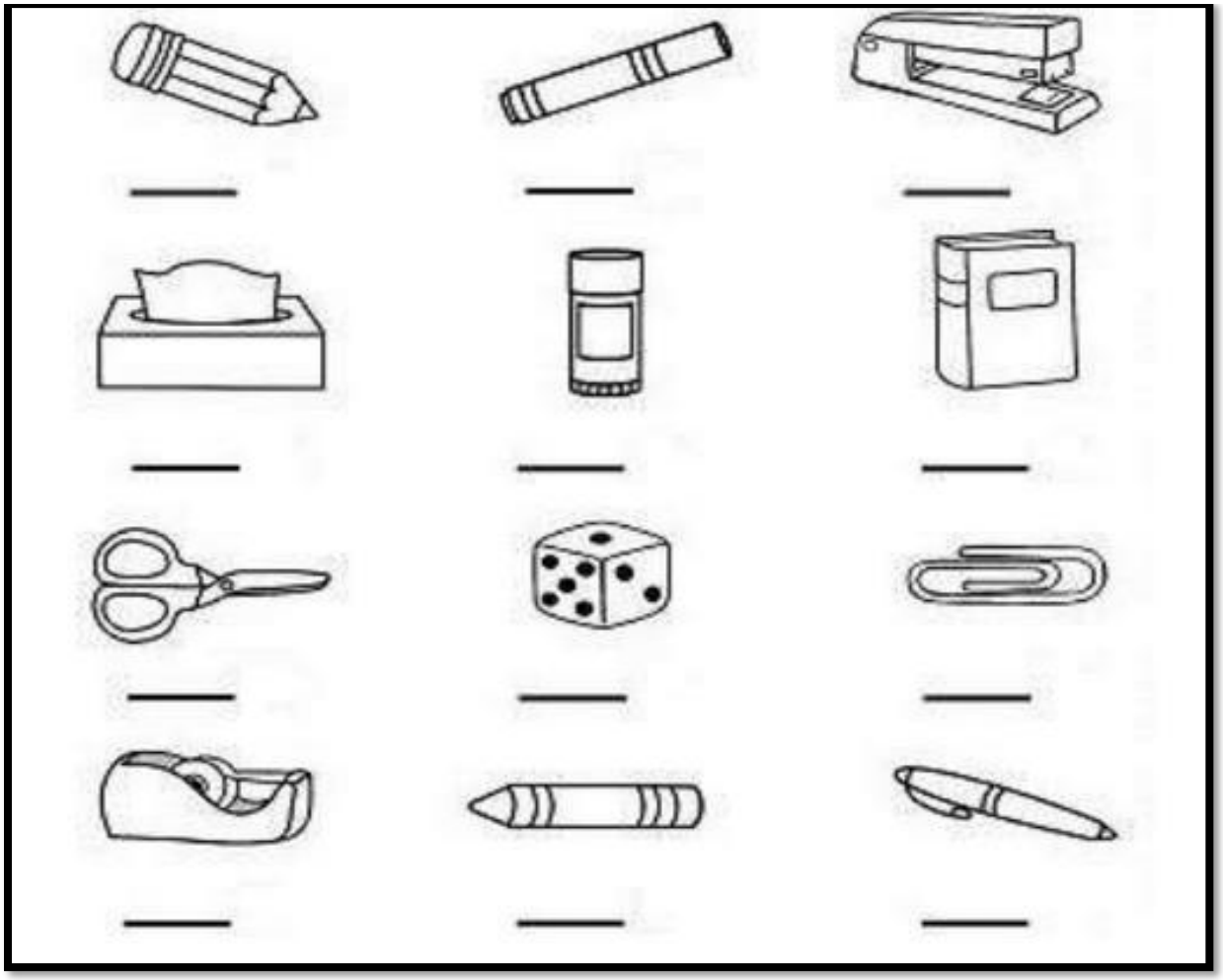
color

I can compare	
I can't compare	

[1] https://www.facebook.com/%D8%A7%D9%84%D8%A3%D8%B3%D8%AA%D8%A7%D8%B0-%D9%85%D8%AD%D9%85%D9%91%D8%AF-2340870549287201/photos/a.2342050952502494/5210788765628684

Diagnostic assessment Worksheet [42]

- Estimate in cm each of the following.



Worksheet (1)[43]

- Estimate in cm the length of each line and write it in the blank.

a.

b.

c.

d.

e.

f.

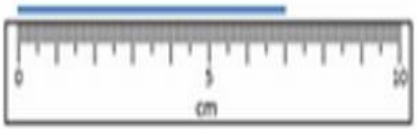
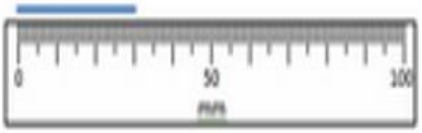
g.

h.

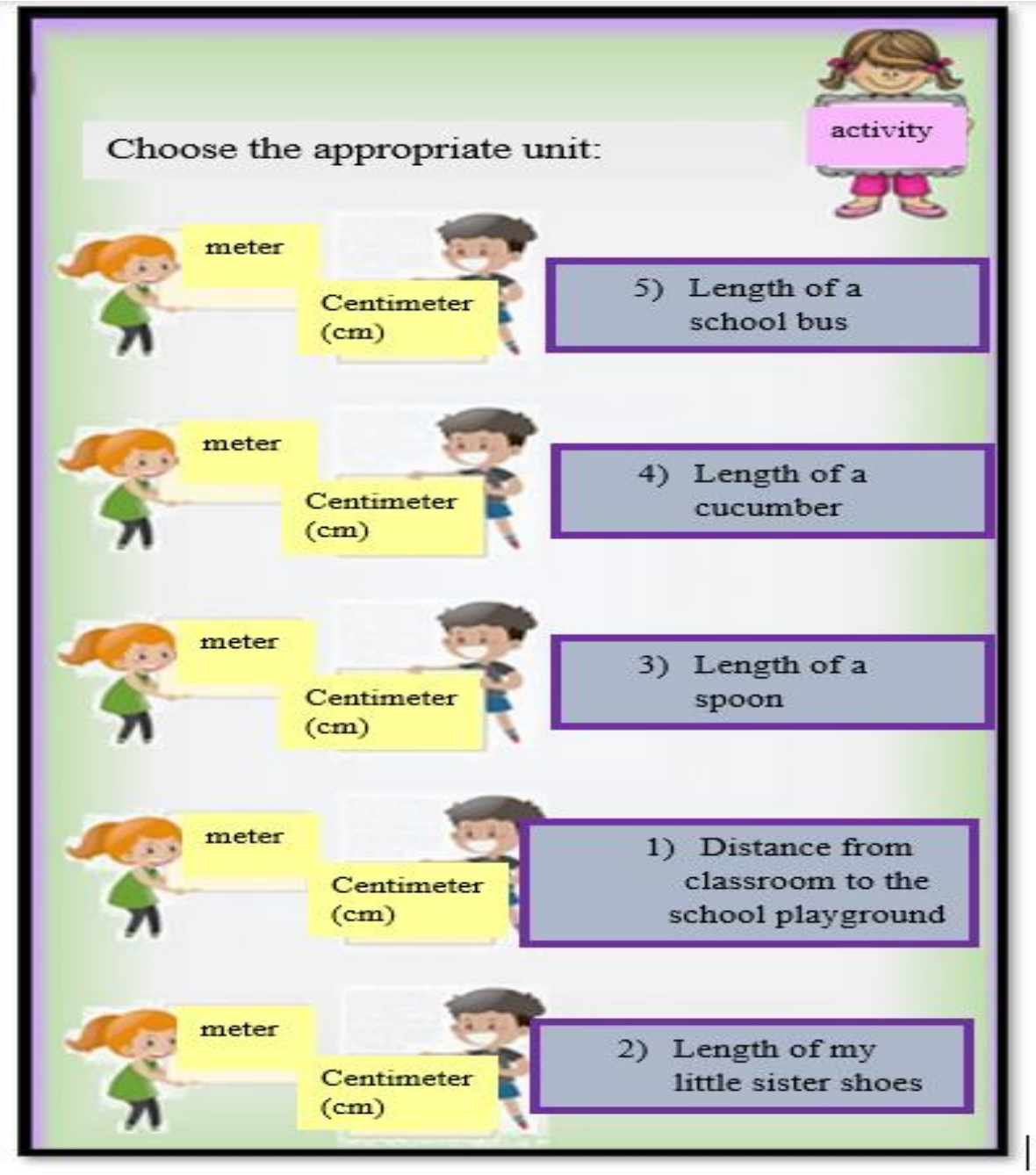
[1] https://www.grade1to6.com/free-maths-worksheets/third-grade-3-measurement.html

Worksheet (2)

- Write the measures

What's the length of the line? .....cm 	What's the length of the line? .....cm 
What's the length of the line? .....mm 	What's the length of the line? .....mm 

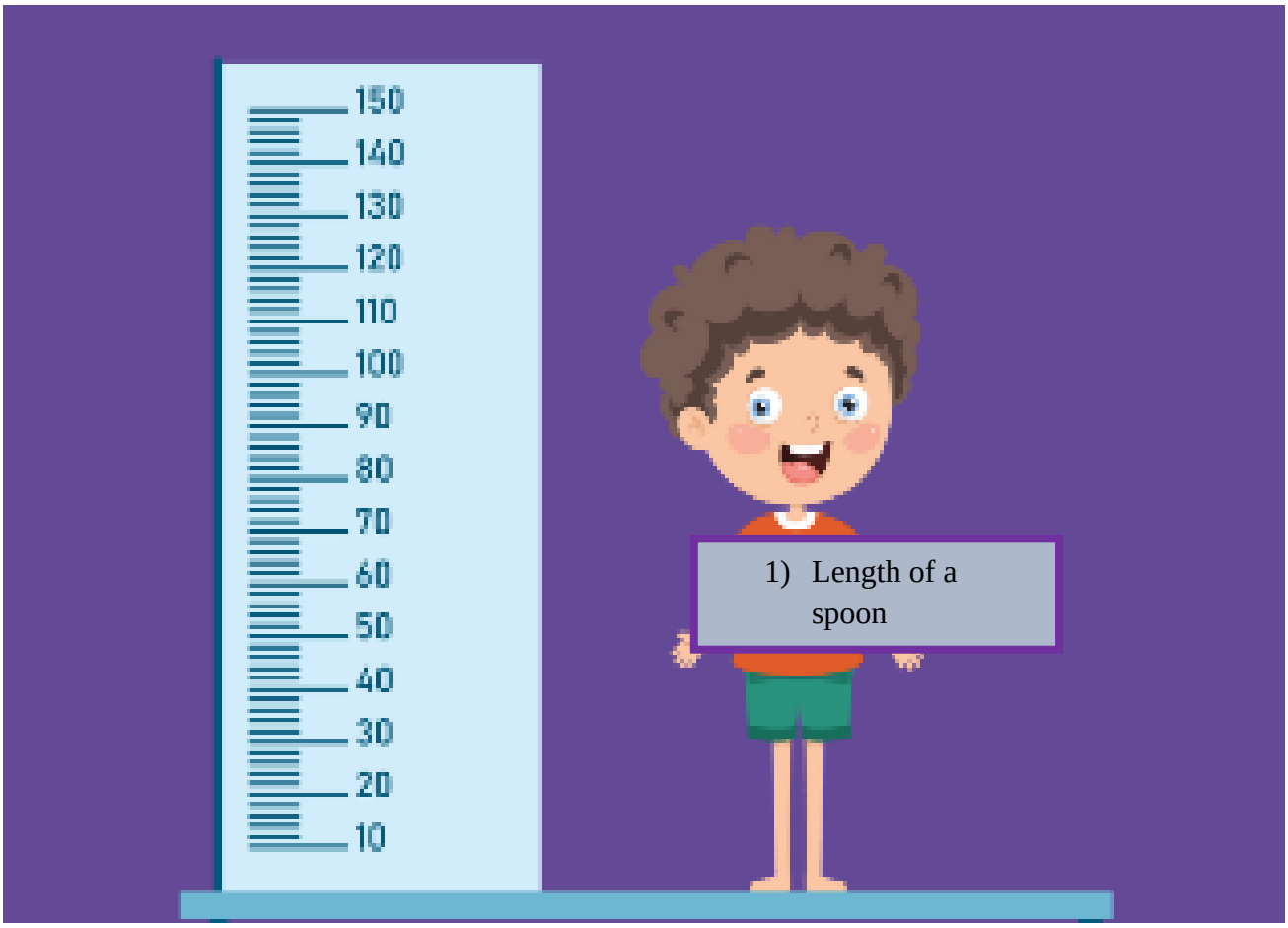
Worksheet (3)[44]



[1] https://www.liveworksheets.com/ju1722674vy

Worksheet (4)[45]

- Observe then indicate the length in cm

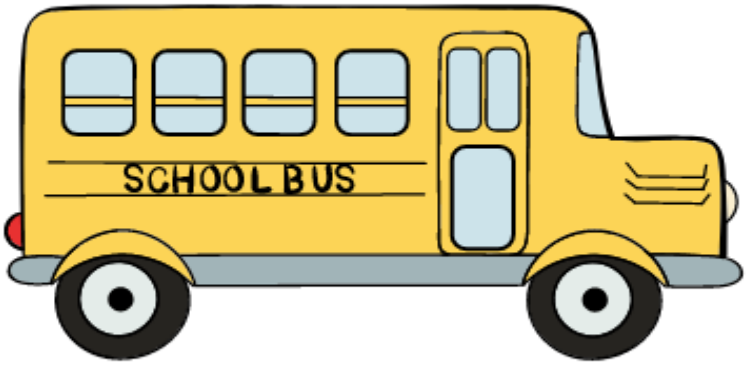


Worksheet (5)[46]

- Estimate the length of the following in cm

a

b

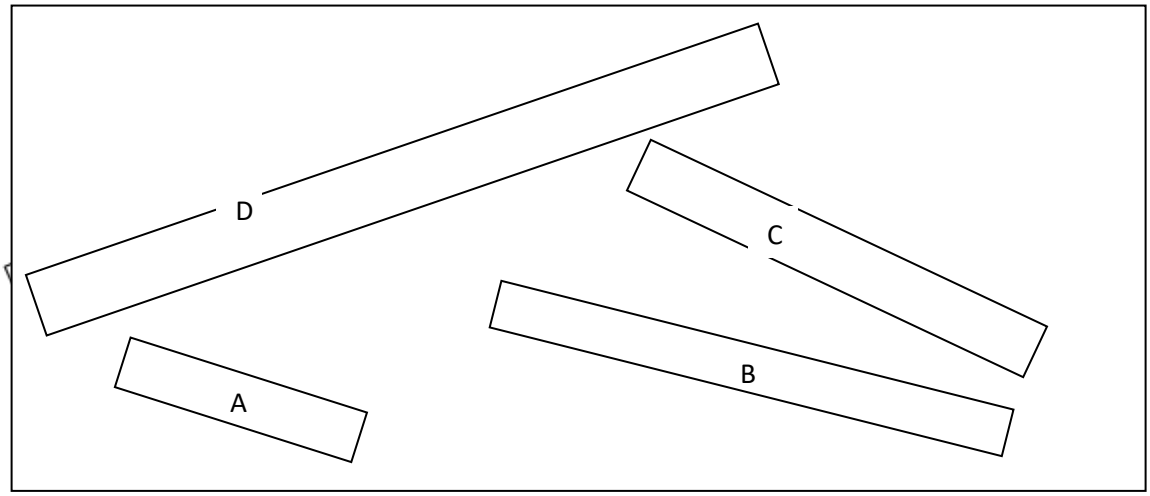


c

[1] https://www.nagwa.com/ar/worksheets/293161236476/

Worksheet (6)[47]

- Arrange the following from the shortest to the longest.

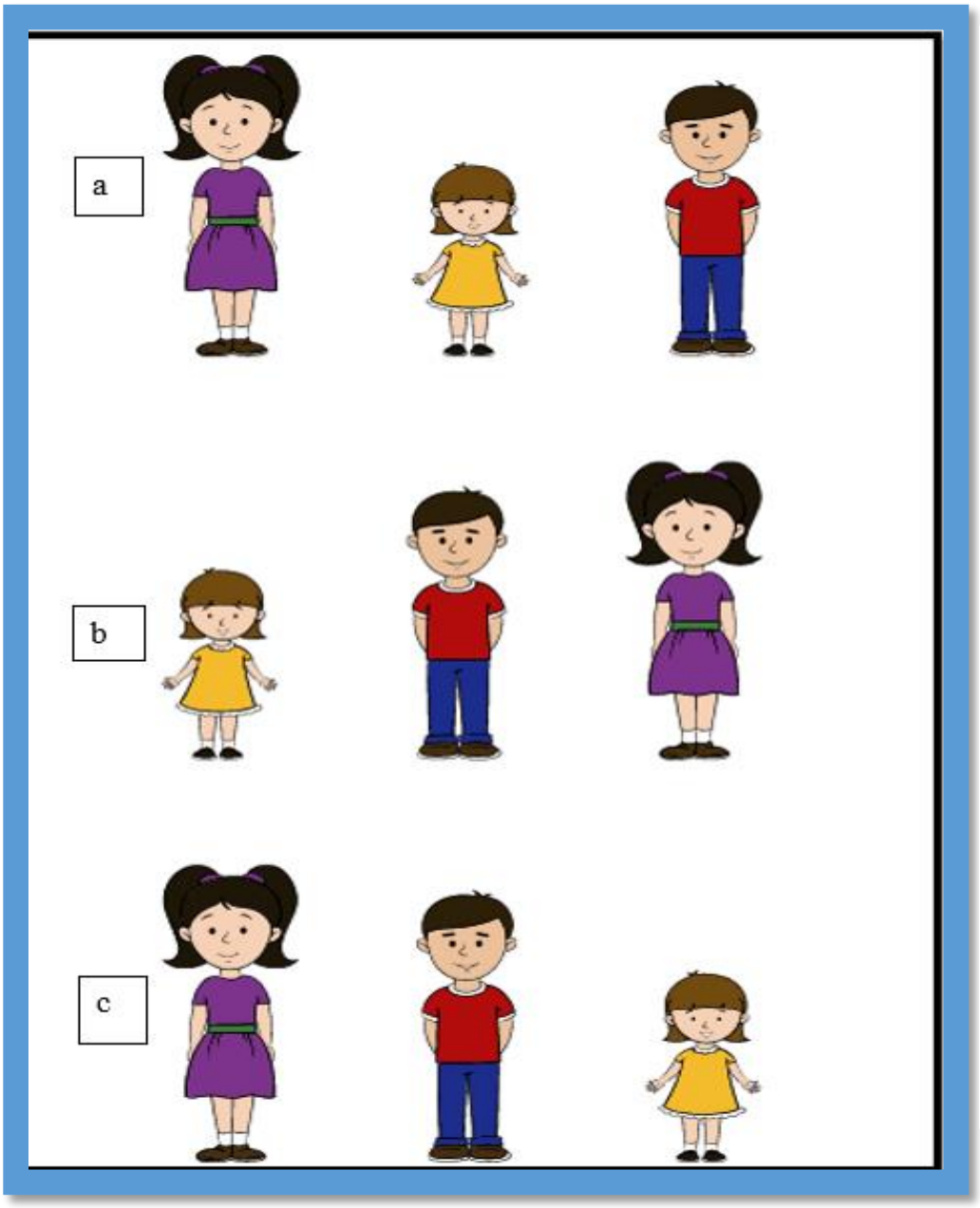


a	a, c, b, d
b	c, d, b, a
c	d, b, c, a
d	b, a, d, c

[1] https://www.nagwa.com/ar/worksheets/293161236476/

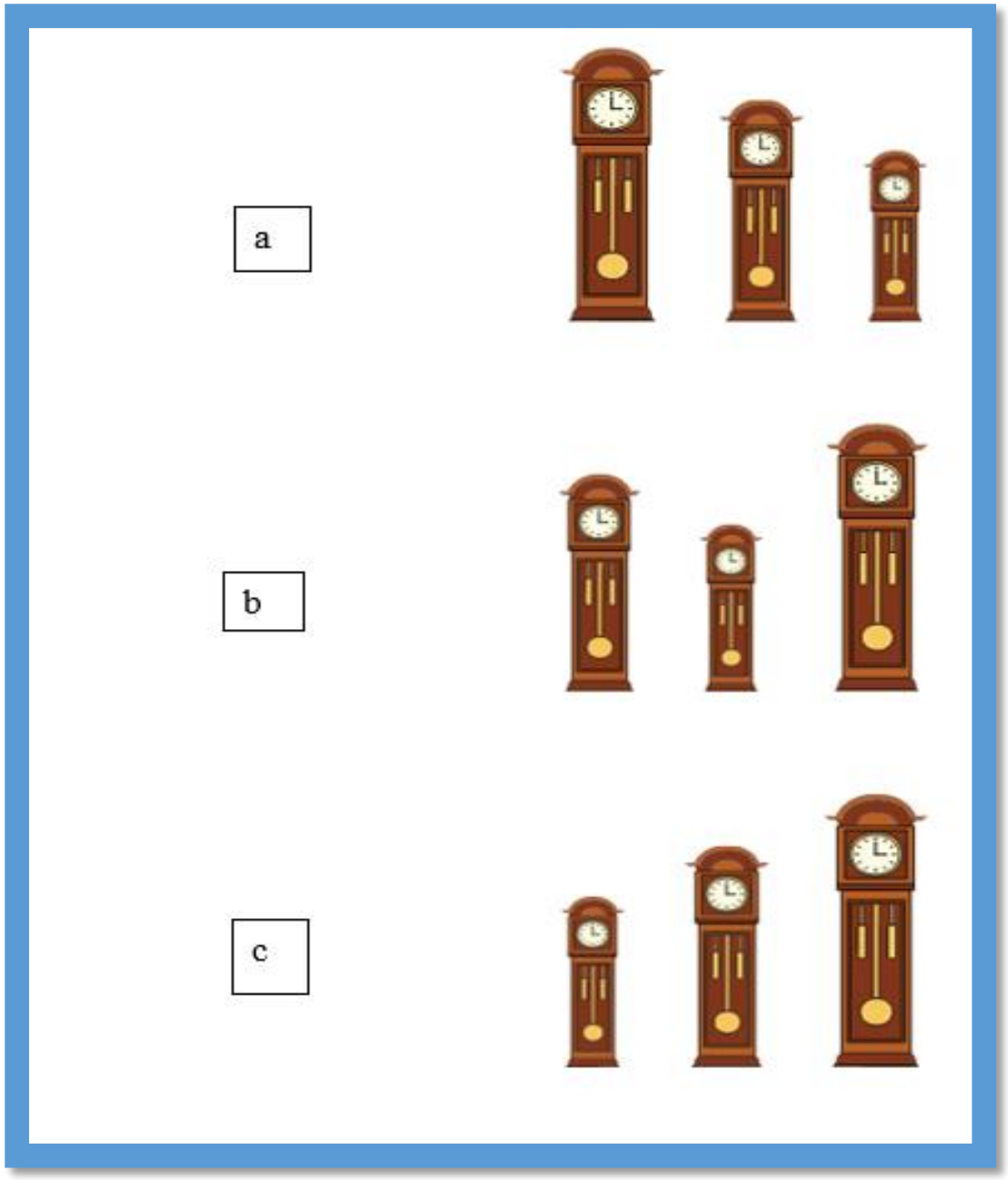
Worksheet (7)[48]

- Circle the group where kids are arranged in an increasing order.



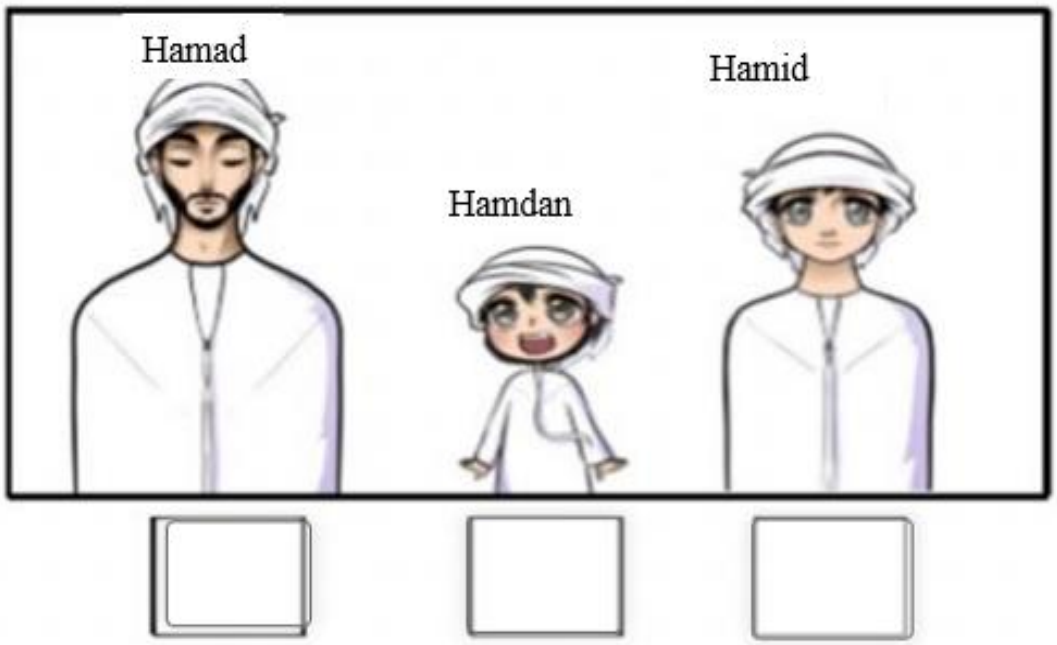
Worksheet (8)[49]

- Circle the clocks that are arranged in a decreasing order.



Worksheet (9)[50]

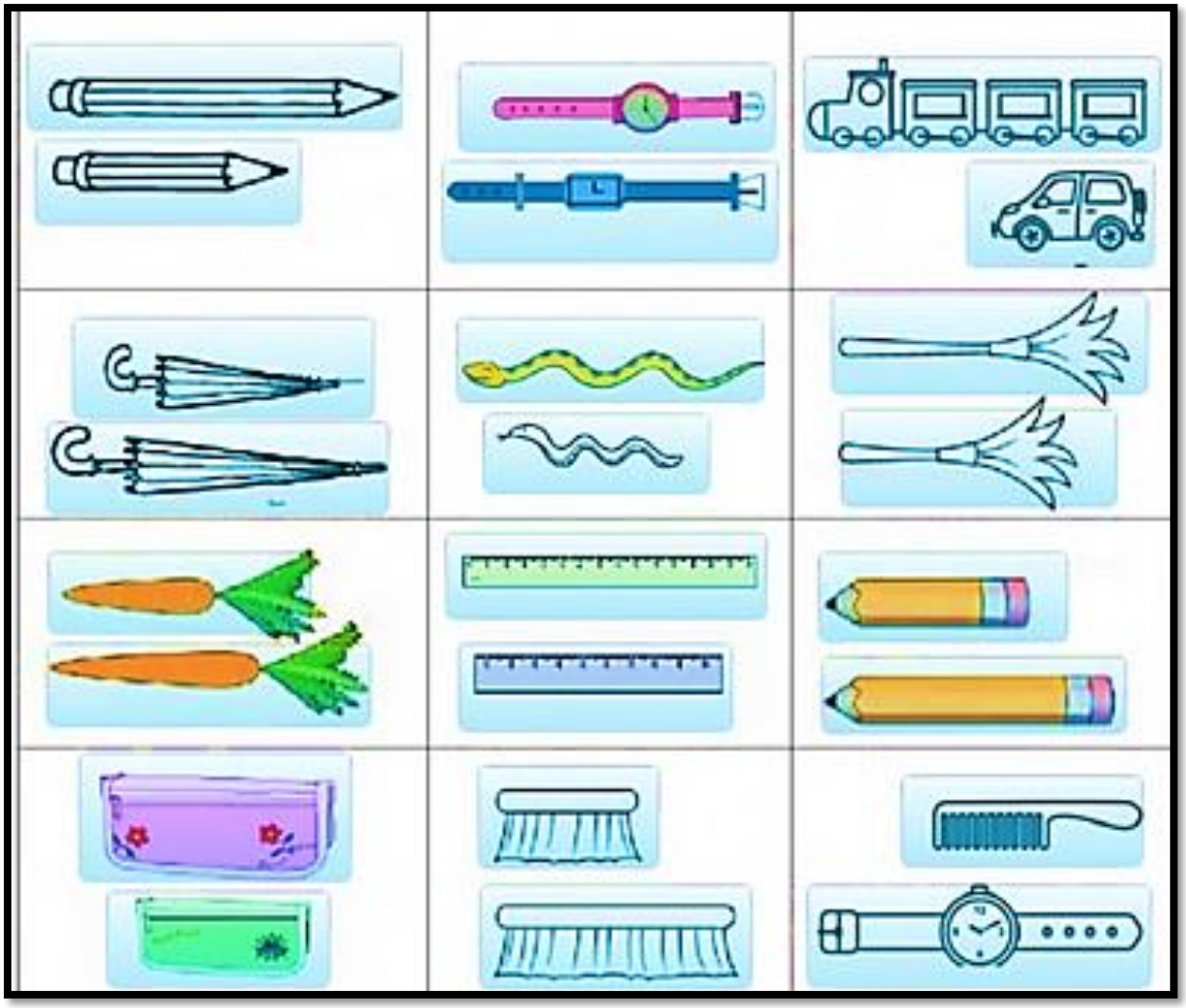
- Observe the following figure:



- Who is the tallest? …….
- Who is the shortest? ……..
- Arrange them in an increasing order:
  …….. , …… , …….
- Arrange them in a decreasing order:
  …… , …… , ……..

Worksheet (10)[51]

- Circle the longest in each group.



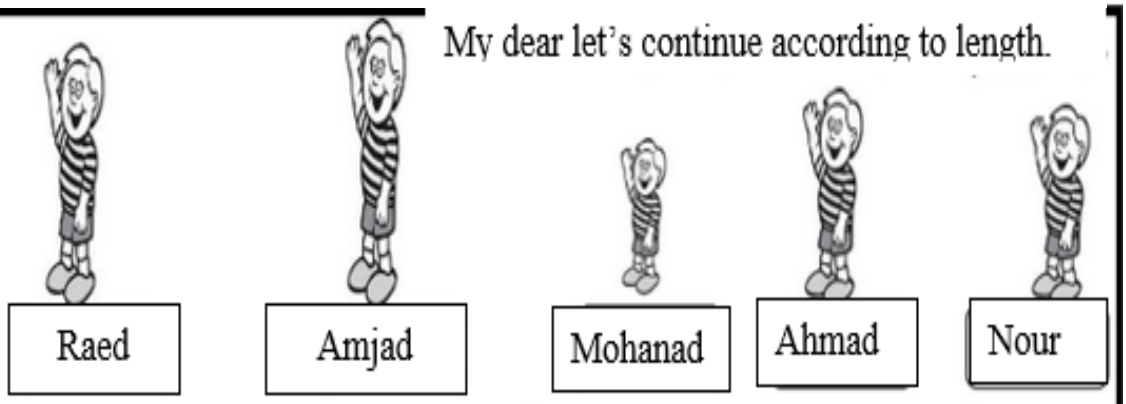
Worksheet (11)[52]

- Circle the objects that can be measured using a ruler.

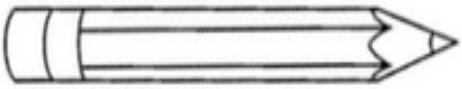
[1] https://arteetts.blogspot.com/2021/05/blog-post_926.html

Worksheet (12)[53]

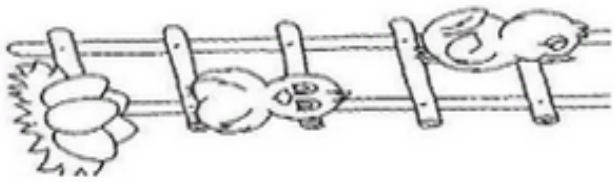
My dear let's continue according to length.

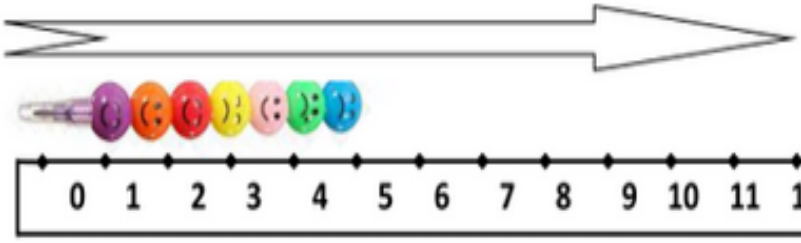


- The tallest student is ……., the shortest student is……
- Mohanad is …… than Amjad. (Taller/shorter)
- Raed is …… than Nour (Taller/shorter)
- Ahmad is taller than……
- Arrange students decreasingly ……...



My student, let's use the ruler and read the lengths of the following:





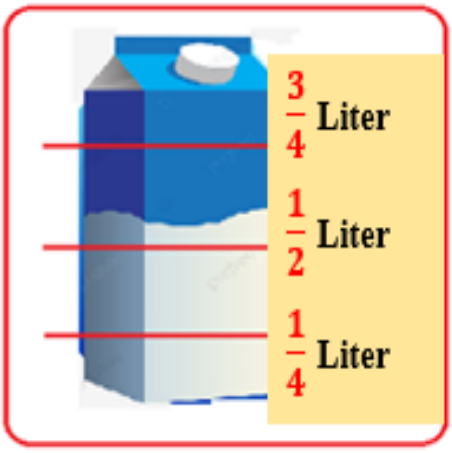
Topic (14):
Measuring Capacity

Worksheet (1)

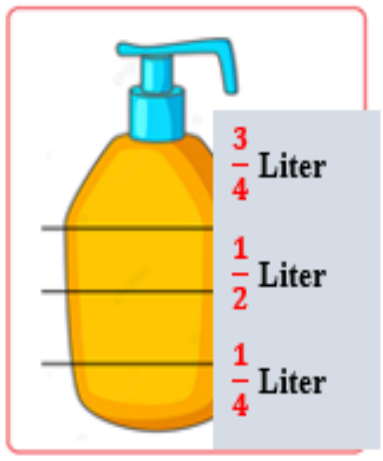
- **Compare using the correct sign.**

$\frac{1}{2}$ ☐ $\frac{3}{4}$

$\frac{1}{2}$ ☐ $\frac{1}{4}$



$\frac{4}{4}$ ☐ $\frac{3}{4}$



$\frac{3}{4}$ ☐ $\frac{1}{4}$

Worksheet (2)

In the above figure: heater of capacity 50 liters

Choose the appropriate sign (< or >):

- 10 L …… 30 L
- 50 L …… 30 L
- 10L …….50 L

Arrange the following in an increasing order:

50L , 10L , 30L
Arrangement: …… , …… , …….

In the above figure: heater of capacity 50 liters

Choose the appropriate sign (< or >):

- 10 L …… 30 L
- 50 L …… 30 L
- 10L …….50 L

Arrange the following in an increasing order:

50L , 10L , 30L
Arrangement: …… , …… , …….

Worksheet (3)

In the above figure: fish pool of capacity 150 liters

Choose the appropriate sign (< or >):

- 150 L ..... 50 L
- 50 L ..... 100 L
- 150L .....100 L

Arrange the following in an increasing order:

150L , 50L , 100L

Arrangement: ..... , ... , ...

*_*_

Worksheet (4)

(Livestock production of milk in a week)

The day	The Quantity of milk in Liters
Saturday	184
Sunday	190
Monday	195
Tuesday	201
Wednesday	205
Thursday	200
Friday	203

Complete:
The sum of milk production on Thursday and Friday:

= …….. L + ……. L
= ……. L

Complete:
The sum of milk production on Tuesday and Wednesday:

= …….. L + ……. L
= ……. L

Complete:
The sum of milk production on Monday and Tuesday:

= …….. L + ……. L
= ……. L

Worksheet (5)

(Consuming of water by a person in a week)

The day	The Quantity of water in Liters
Saturday	285
Sunday	280
Monday	290
Tuesday	275
Wednesday	280
Thursday	295
Friday	290

Complete:

The difference of consuming of water by a person between Friday and Wednesday:

= ..... L + ... L

= L

Complete:

The difference of consuming by a person of water between Saturday and Sunday:

= ..... L + ... L

= L

Complete:

The difference of consuming by a person of water between Wednesday and Tuesday:

= ..... L + ... L

= L

Topic (15)

Worksheet (1)[54]

Adding and subtracting time (1)

1) Match by adding an hour to the given time:

8:10 a.m.	**9:30 p.m.**
2:40 p.m.	**7:00 a.m.**
11:20 a.m.	**1:45 p.m.**
6:00 a.m.	**3:40 p.m.**
8:30 p.m.	**9:10 a.m.**
12:45 p.m.	**12:20 p.m.**

2) Match by subtracting an hour to the given time:

10:30 a.m.	**1:10 p.m.**
4:00 p.m.	**5:45 a.m.**
2:10 a.m.	**3:00 p.m.**
7:25 a.m.	**6:25 a.m.**
9:50 p.m.	**9:30 a.m.**
6:45 p.m.	**8:50 p.m.**

3) Write the missing number:

a) An hour before 5:50 p.m. is: ……
b) An hour after 9:30 a.m. is: ……
c) two hours before 10:8 p.m. is: ……
d) An hour after 12:40 p.m. is: ……
e) An hour before 12:20 a.m. is: ……

Worksheet (2)[55]

- Write the correct time following the given example.

	After 5 minutes		before 10 minutes
	before 10 minutes		After 15 minutes
	After 20 minutes		Before 1 hour
	After 1 hour		After 30 minutes
	Before 15 minutes		Before 25 minutes
	Before 20 minutes		Before 30 minutes

Worksheet (3)[58]

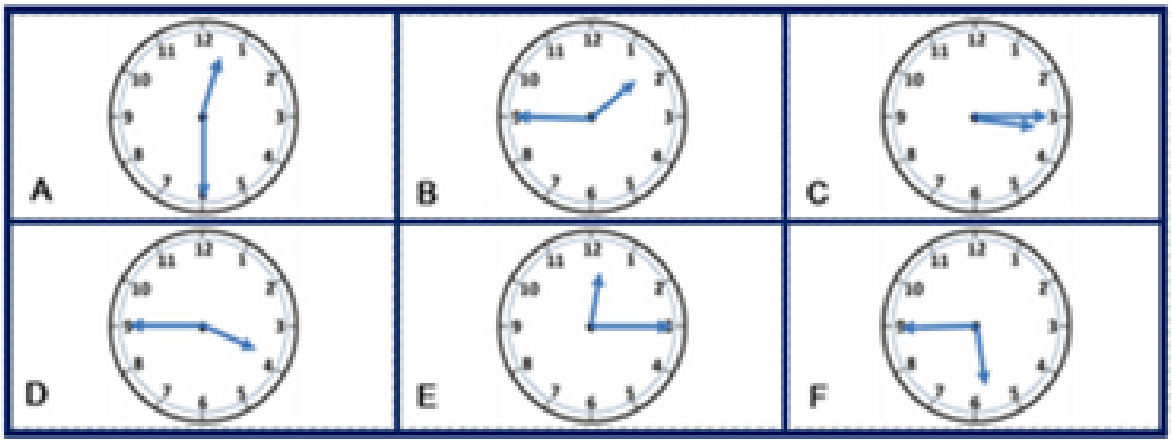
Time puzzles: part 2

By using the following instructions, choose the correct time in the figure:

Challenge (1)

- I am after 1:30.
- I am earlier than 4:30.
- My clock number in the figure is an odd number.
- Nearest hour to me is 4 o'clock.

What time am I? ……..



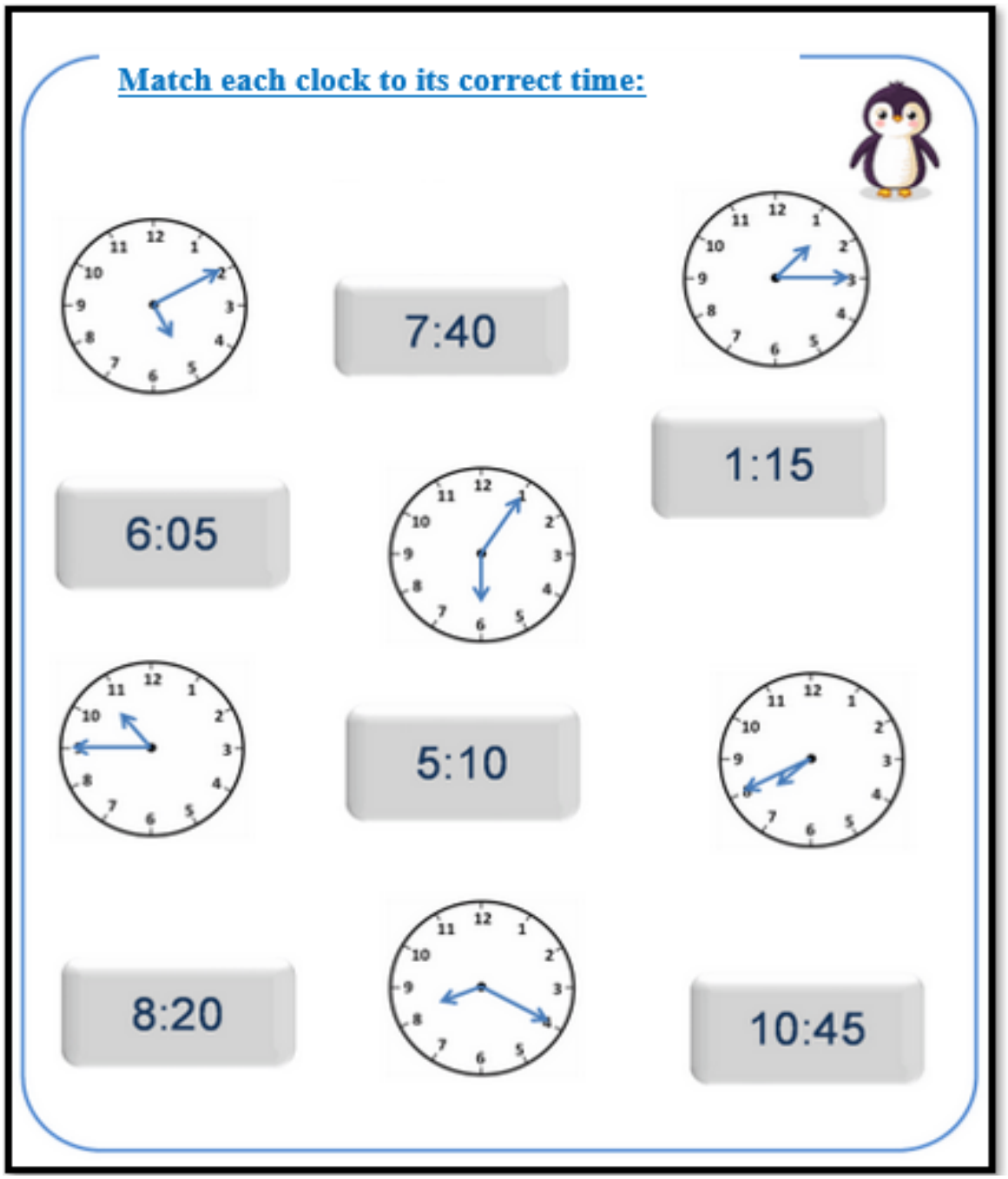
Challenge (2)

- I am between 12:00 and 4:00
- Nearest hour to me isn't 2.
- More than 15 minutes I passed.
- After half-hour I'll reach the next hour.

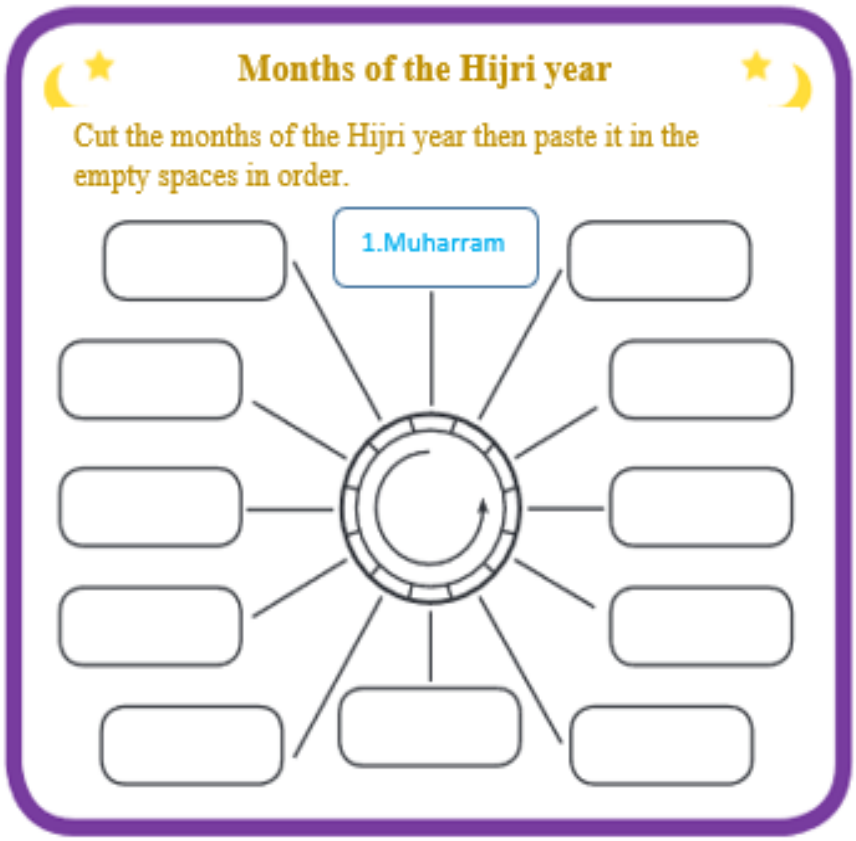
What time am I? ……..

Worksheet (4)[58]

Telling time



Worksheet (5)[59]



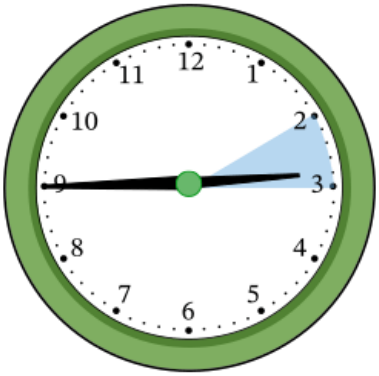
6.. Jumada al thani | 2.Safar | 5. Jumada al awwal | 3. Rabi al awwal

4. Rabi al thani | 11. Dhul Qa'ada | 9. Ramadan | 8.Sha'aban

10. Shawwal | 7. Rajab | 12.Dhul Hijjah

Worksheet (6)[61]

How to learn reading the time?



The clock shows 2:45.
Remember that the hour hand hasn't reached 2 yet, because it's 15 to 3

Worksheet (7)[62]

- Choose the correct time

a) 7:45

b) 8:15

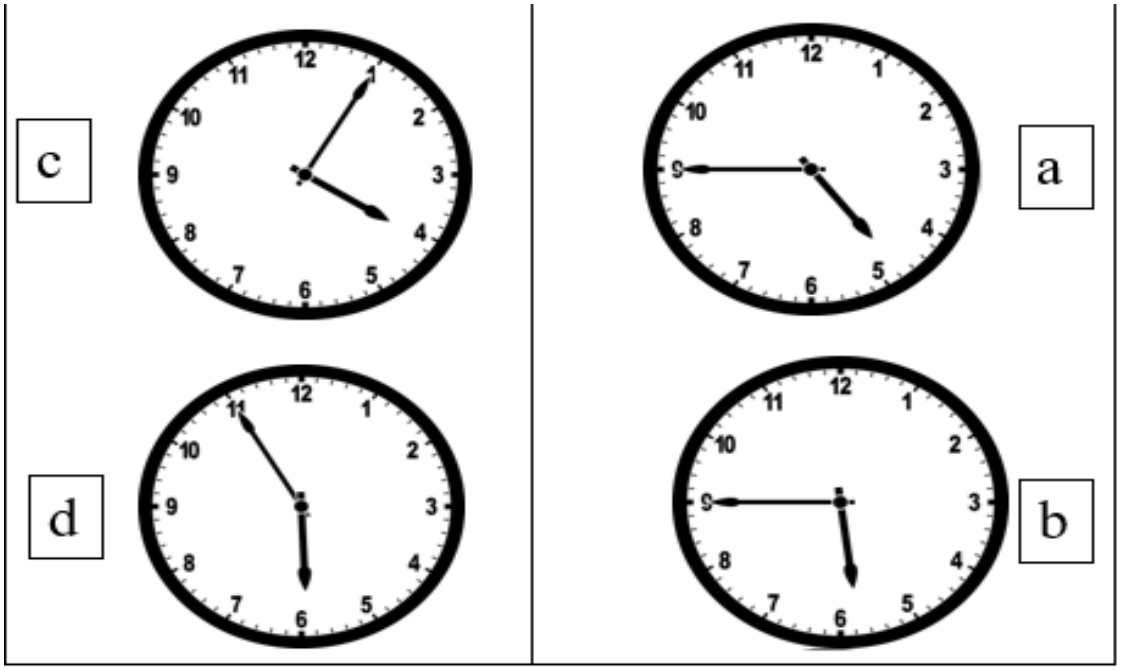
c) 9:40

d) 8:45

e) 7:15

Worksheet (8)

- Which clock corresponds to the time shown on the digital clock



Worksheet (9)[63]

- Which clock corresponds to the time fifteen to one?

a	**12: 45**
b	**1: 15**
c	**12: 15**
d	**12:30**
e	**1:45**

Worksheet (10)[66]

- Tell the time that is shown in words?

a) Twelve past quarter.

b) Eleven past quarter.

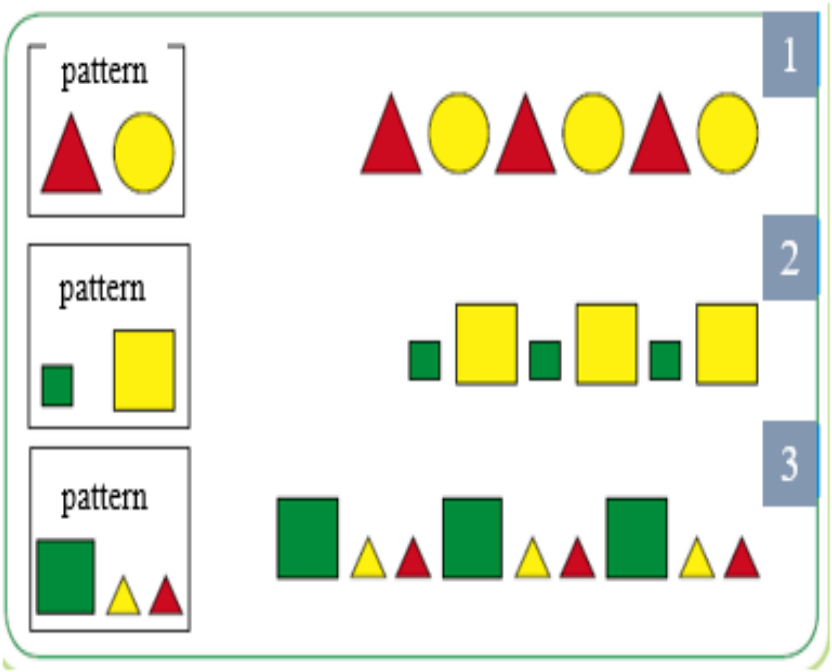
c) Fifteen to eleven.

d) Fifteen to twelve.

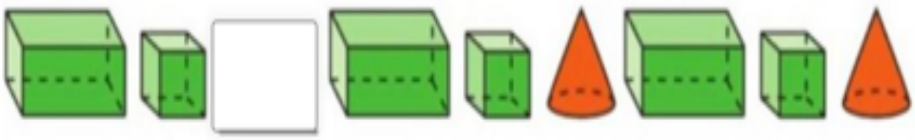
Topic (16): Patterns

Worksheet (1)[65]

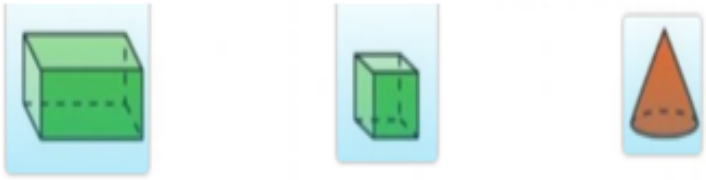
- Discuss orally the pattern rule in each case:



- Observe the following pattern

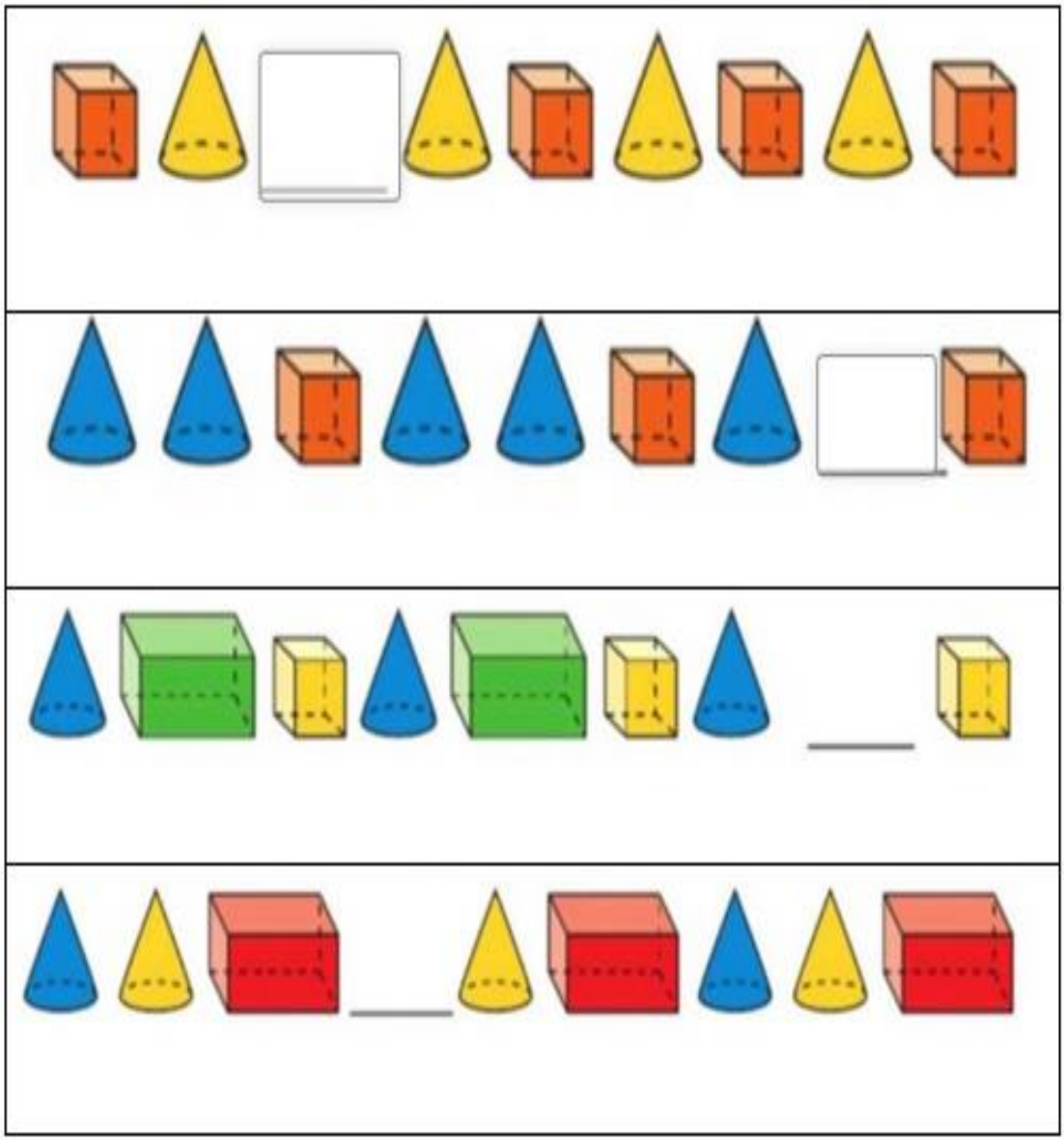


Circle the missing shape.



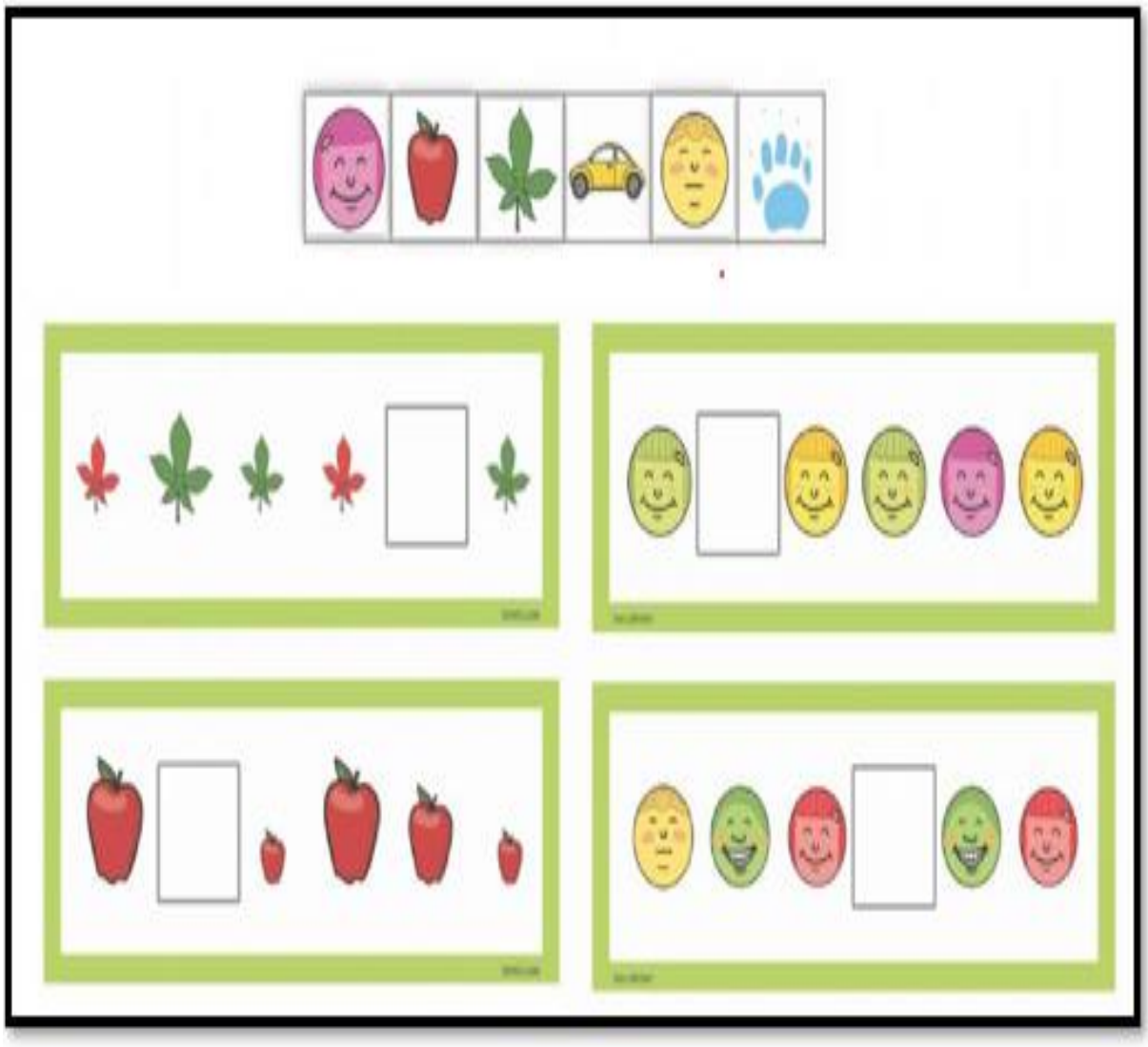
Worksheet (2)[66]

- complete by the missing shape in each pattern.



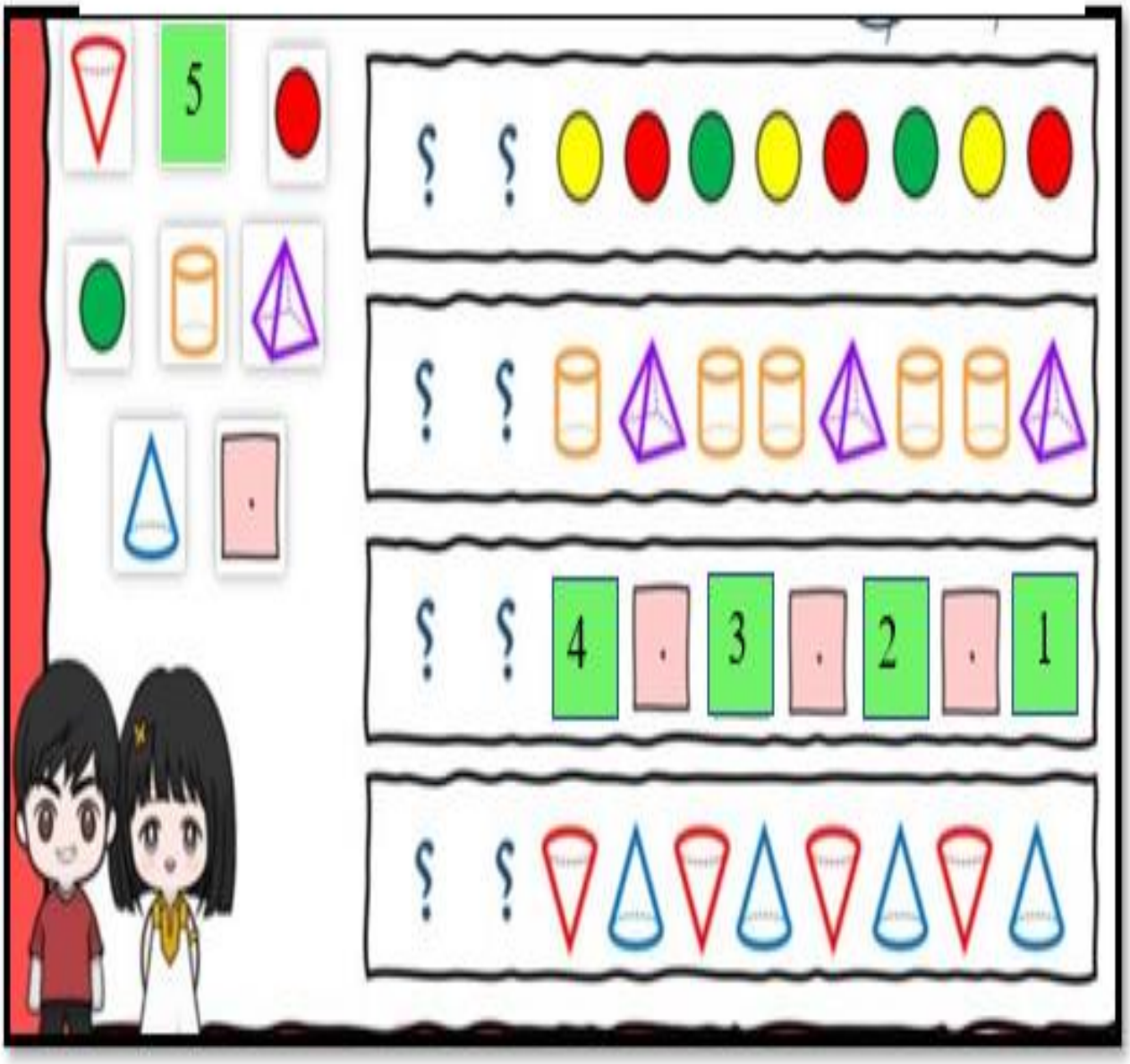
Worksheet (3)[67]

- Complete the following patterns using the cards.



Worksheet (4)[68]

- Complete the following patterns using the cards.



Worksheet (5)[69]

- Complete the following pattern.

1)

36		38			41		

2)

14	24			54			84

3)

58			61				65

4)

22		42			72		

5)

15			45				85

6)

18				22		24	

7)

	87				91		93

8)

	31			61			91

Worksheet (6)[70]

- Complete the pattern that followed in each row.

a)

50	45			30			

b)

44	40		32			20	

c)

63	54			27			0

d)

72	64		48			24	

e)

24	22			16	14		

f)

27	24			15		9	

g)

32	28		20				4

h)

42	36			18			0

j)

70	63		49			28	

i)

65	60			45			

Worksheet (7)

1) Observe the counting chart by tens.

90	190	290	390	490		690	790	890	990
80	180	280	380		580	680	780	880	980
70	170	270		470	570	670	770	870	970
60	160		360	460	560	660	760	860	960
50		250	350	450	550	650	750	850	950
	140	240	340	440	540	640	740	840	940
30	130	230	330	430	530	630	730	830	
20	120	220	320	420	520	620	720		920
10	110	210	310	410	510	610		810	910
0	100	200	300	400	500		700	800	900

2) Write the missing number.

3) Discuss with the student some numerical patterns and explain the rule.

Worksheet (8)[71]

1) How many triangles are there in this pattern? If it is expanded to 24 polygons?

..... 

Number of triangles= .....

2) Yasser wants to expand this pattern. How many polygons he needs to have 6 blue squares?

..... 

Number of polygons= .....

How do I define the rules of geometric patterns?

Solve

Find the rule then complete the pattern:

..... 

Pattern rule: .....

..... 

Pattern rule: .....

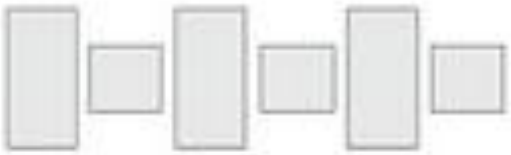
Think

Find the mistake: Hamam wants to calculate the number of squares used in this pattern after expanding it to 17 shapes. He answered 6. Correct Hamam's mistake.

Write A pattern specifying it's rule.

Worksheet (9)

4) How many squares needed in this pattern if it is expanded to 14 polygons?

..... 

3) If Ahmad wants to expand this pattern, how many triangles does he need to have 5 circles?

..... 

2) Find the pattern's rule then complete.

..... 

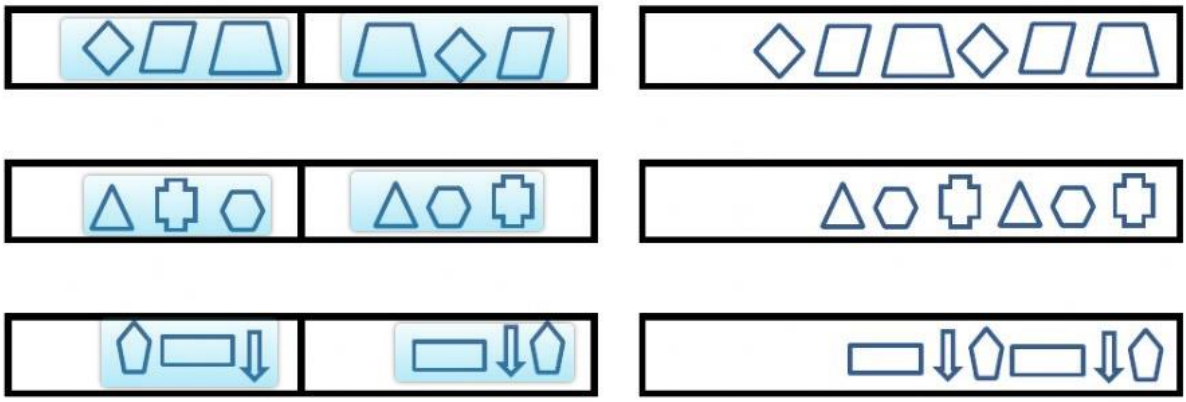
Pattern's rule……..

1) How many rectangles are needed if the pattern was expanded to 12 polygons?

..... 

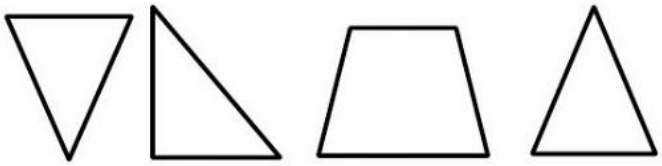
Worksheet (10)[71]

1) Expand the pattern using the appropriate shapes.



2) How many triangles we will have if we repeat this pattern 4 times.?

12 triangles
20 triangles

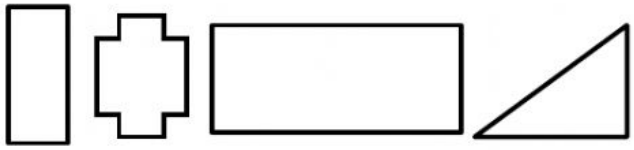


4) How many polygons we will have if we repeat the pattern 5 times?

18 polygons
20 polygons

3) How many rectangles in this pattern if it was expanded to 26 polygons?

13 rectangle
15 rectangle



[1] https://www.liveworksheets.com/fp1704584lf

Worksheet (11)[72]

Sequence

Describe and expand the pattern:

1) 11 , 9 , 7 , 5 , ... Pattern: .....

2) 52 , 43 , 34 , 25 , ... Pattern: .....

3) 64 , 54 , 44 , 34 , ... Pattern: .....

4) 3 , 13 , 23 , 33 , ... Pattern: .....

5) 9 , 18 , 27 , 36 , ... Pattern: .....

6) 512 , 128 , 32 , 8 , ... Pattern: .....

7) 7 , 21 , 63 , 1 .... Pattern: .....

8) 1125 , 225 , 45 , 9 Pattern: .....

Numerical sequence:

If the number increased, think of addition and multiplication
and if the number decreased, think of subtraction and division

Worksheet (12)[73]

Find the missing numbers then write:

3) 715, 725, ……., 745, …….

The pattern is each number: ……..

2) 491, ……, 691, ……., 891.

The pattern is each number: ……..

1) ……., 839, ……, 837, 836.

The pattern is each number: ……..

Use pattern to solve:

5) Write the number of missing houses in Karama street.

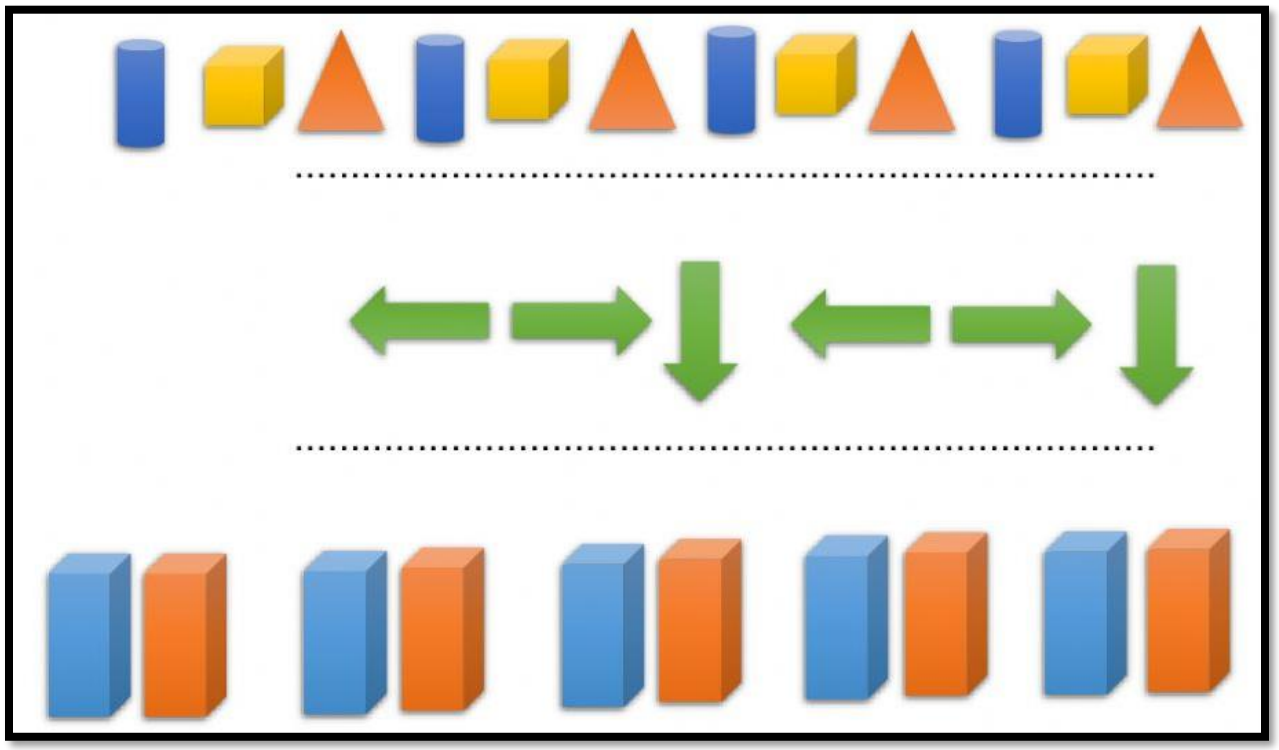
345, 355, …….., 375, ……. 395.

5) 6 students lined up in a running competition, each student was given a number. Write the student's missing numbers:

708, 608, 508, ……, 308, ……

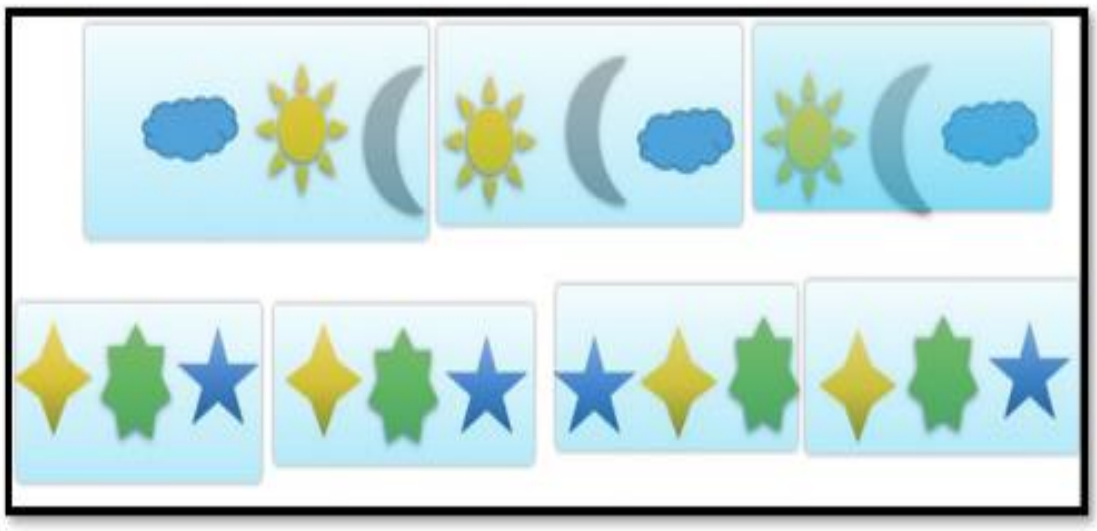
Worksheet (13)[74]

Discuss orally the pattern in each case:

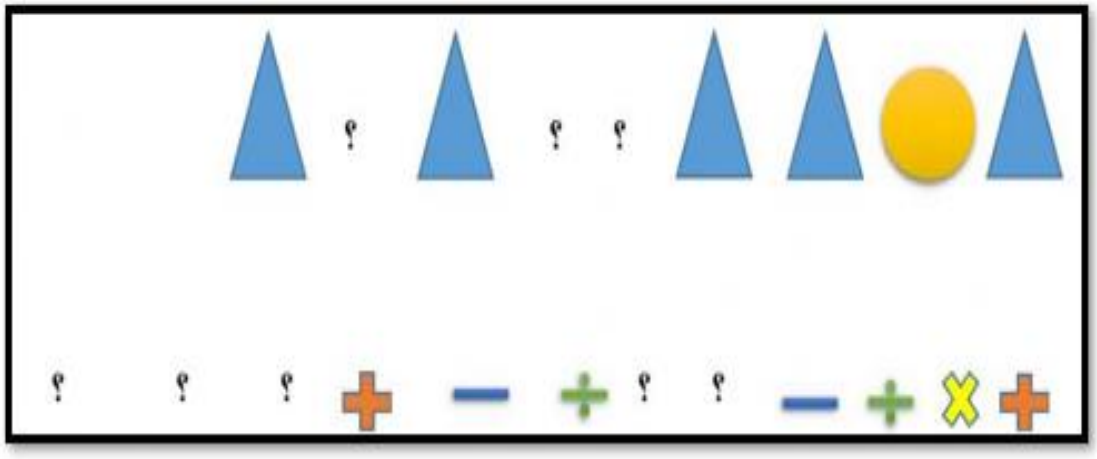


Worksheet (14)[75]

Find the mistake in each of the following patterns:



Complete the pattern:



Worksheet (15)[76]

1

If we expand this pattern to have 18 polygons, how many trapezoids will be?

2

If we expand this pattern to have 21 polygons, how many trapezoids will be?

3

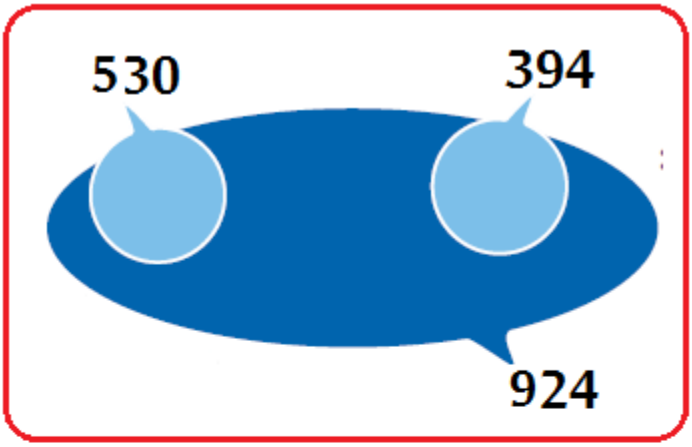
If we expand this pattern to have 33 shapes, how many  will be?

4 **Solve the following problem:**

A pattern is made up of 4 squares and 2 triangles, if you put a circle between each two triangles, and expand the pattern to have 22 shapes, how many circles will be?

Topic (17): Relationships and equations

Worksheet (1)



using the above shape , complete the following .

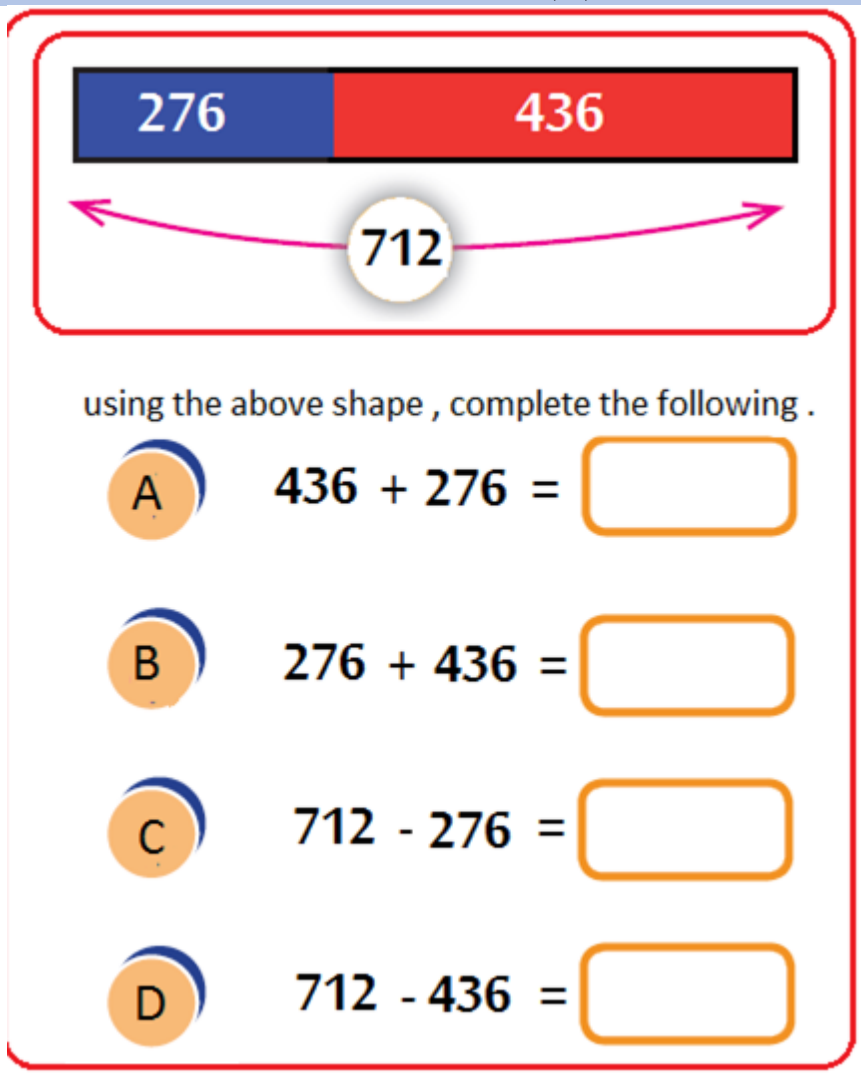
A 394 + 530 =

B 530 + 394 =

C 924 - 530 =

D 924 - 394 =

Worksheet (2)



using the above shape , complete the following .

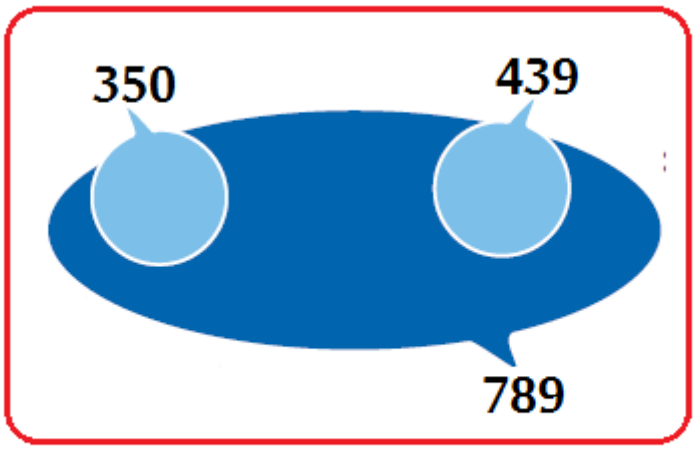
A 436 + 276 = ☐

B 276 + 436 = ☐

C 712 - 276 = ☐

D 712 - 436 = ☐

Worksheet (3)



using the above shape , complete the following .

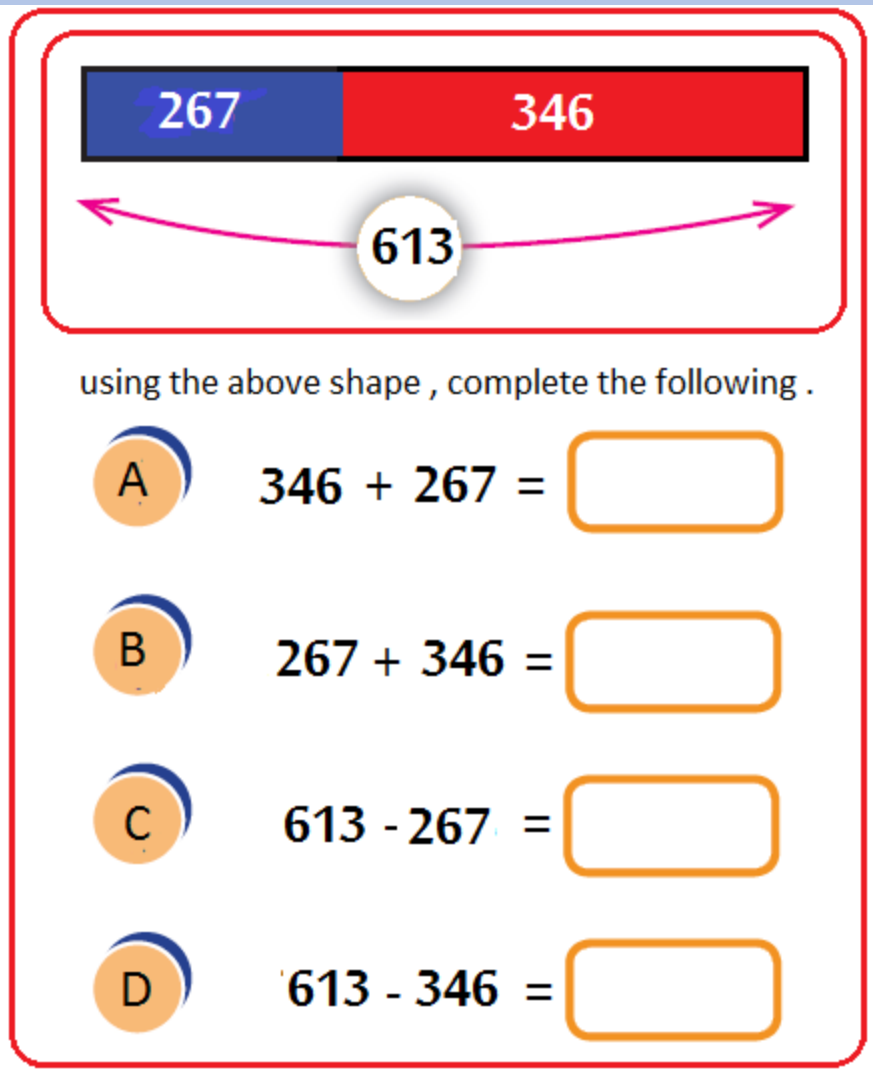
A 439 + 350 = ____

B 350 + 439 = ____

C 789 - 350 = ____

D 789 - 439 = ____

Worksheet (4)



using the above shape , complete the following .

A 346 + 267 = ☐

B 267 + 346 = ☐

C 613 - 267 = ☐

D 613 - 346 = ☐

Worksheet (5)

complete :

5 + 5 + 5 = 5 × 3 = ...

3 + 3 + 3 + 3 + 3 = 3 × 5 = ...

5 × 3 = 3 × 5 = ...

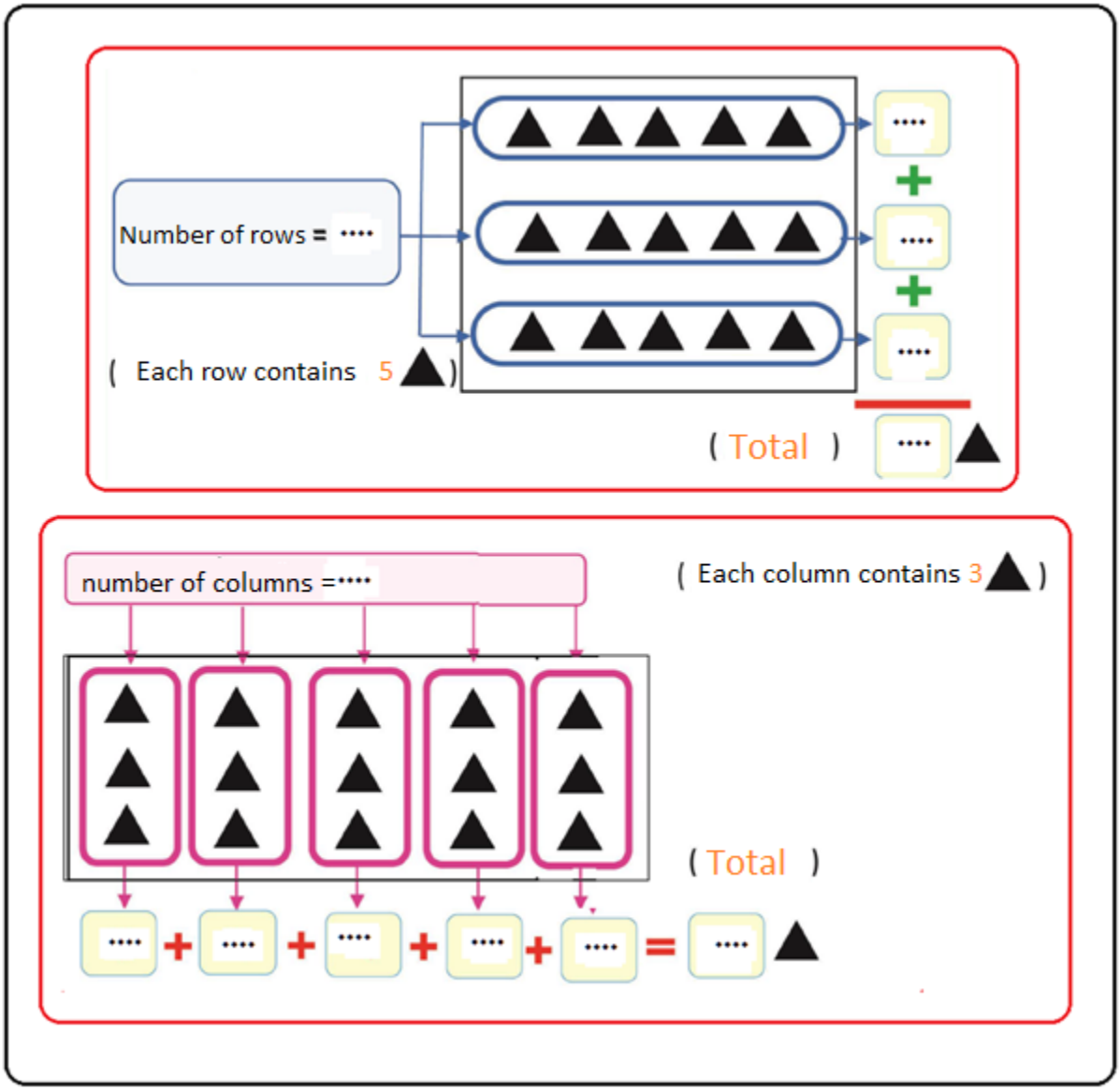
complete :

3 + 3 + 3 + 3 + 3 + 3 = 6 × 3 = ...

6 + 6 + 6 = 3 × 6 = ...

6 × 3 = 3 × 6 = ...

Worksheet (6)


Number of rows = ...
(Each row contains 5)
....
....
....
(Total)
....
number of columns =....
(Each column contains 3)
(Total)
....
....
....
....
....
....

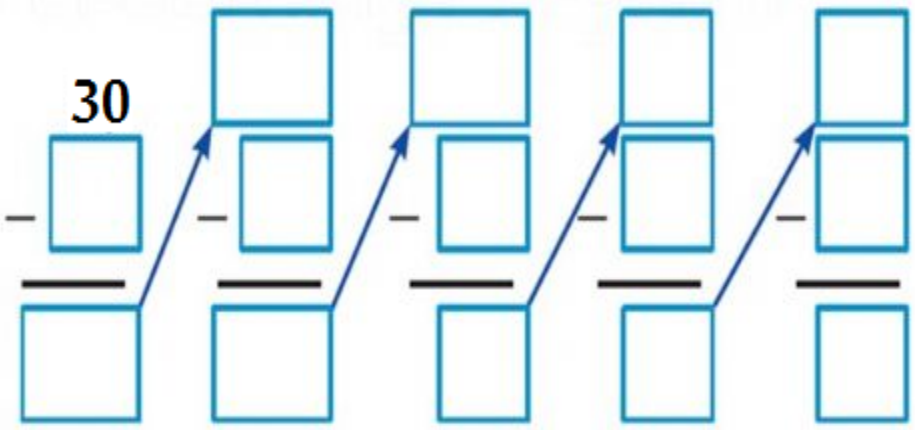
Worksheet (7)

Find the quotient:

30-meter cloth, If the seller divides it into 6 pieces of equal length, What is the length of each piece?

Using a successive subtraction strategy

$30 \div 6 =$?



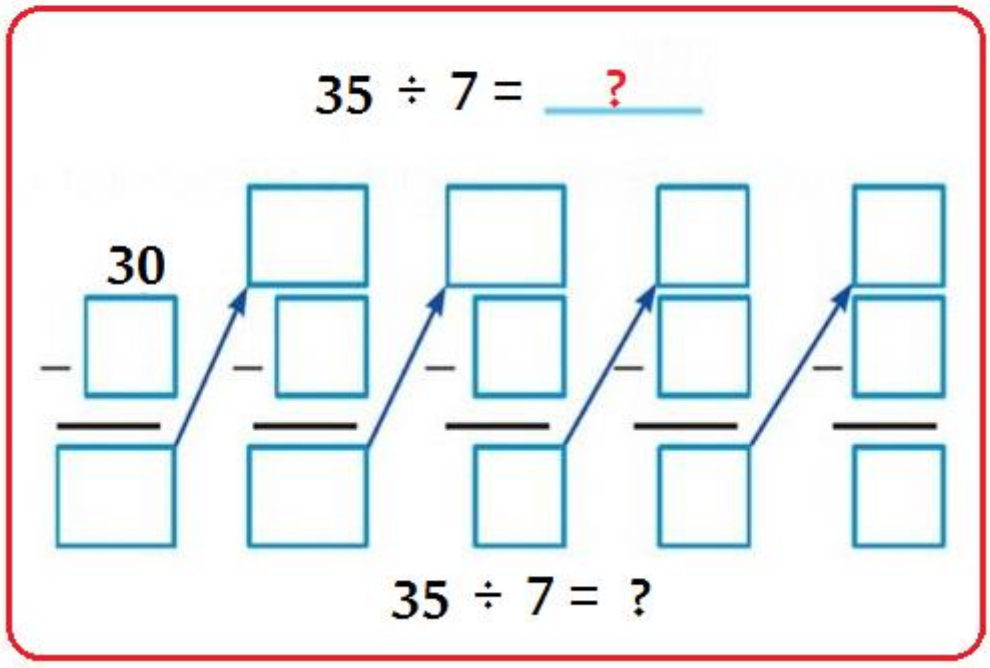
$30 \div 6 = ?$

Worksheet (7)

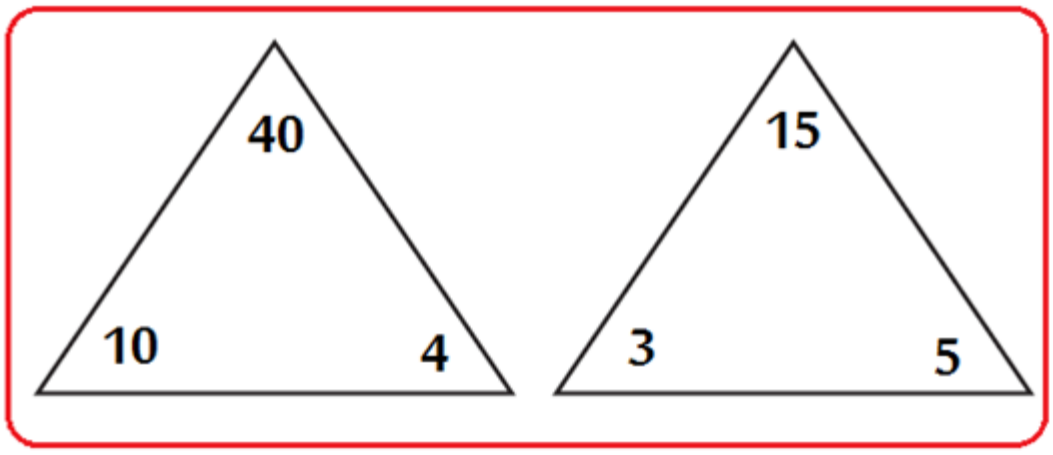
Find the quotient:

35-meter cloth, If the seller divides it into 7 pieces of equal length, What is the length of each piece?

Using a successive subtraction strategy



Worksheet (9)



Using the above triangles, complete the following :

A $4 \times 10 =$ ☐ ، $3 \times 5 =$ ☐

B $10 \times 4 =$ ☐ ، $5 \times 3 =$ ☐

C $40 \div 4 =$ ☐ ، $15 \div 3 =$ ☐

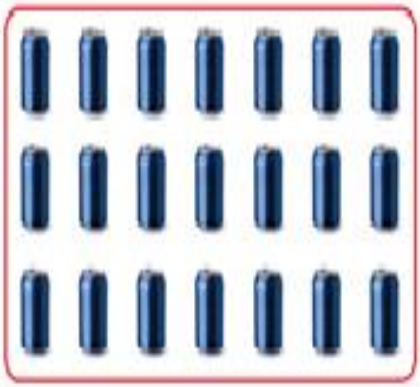
D $40 \div 10 =$ ☐ ، $15 \div 5 =$ ☐

Worksheet (10)

Using the picture cards, Form a mathematical sentences

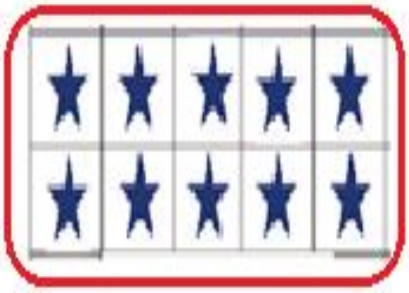
..... x ..... = ...

..... x ..... = ...



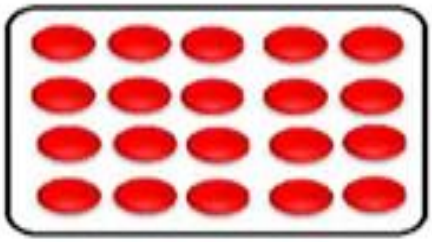
..... x ..... = ...

..... x ..... = ...



..... x ..... = ...

..... x ..... = ...

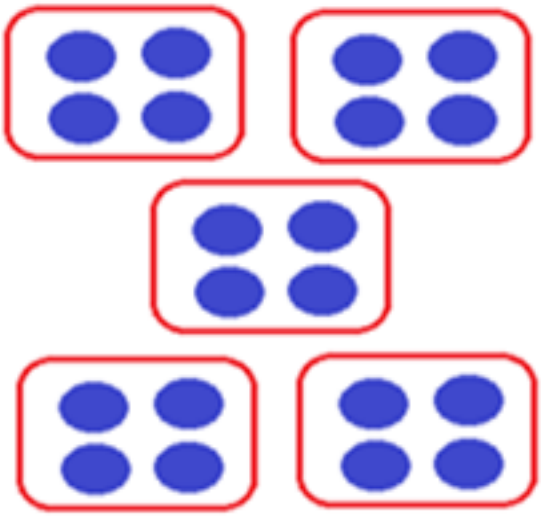


..... x ..... = ...

..... x ..... = ...

Worksheet (11)

Using the picture cards, Form a mathematical sentences



..... × ..... = ...

..... ÷ ..... = ...

Topic (18)

Representation of the data.

Worksheet (1)

Ask your classmates about the sports they play Then complete the table and answer the following questions.

Sports	marks	frequency
Football 	.....	.....
Table tennis 	.....	.....
Basketball 	.....	.....
swimming 	.....	.....

1. What's the most popular game for students?
2. What's the least popular game for students?
3. What do you advise your colleagues who didn't participate in any of these games?

Worksheet (2)

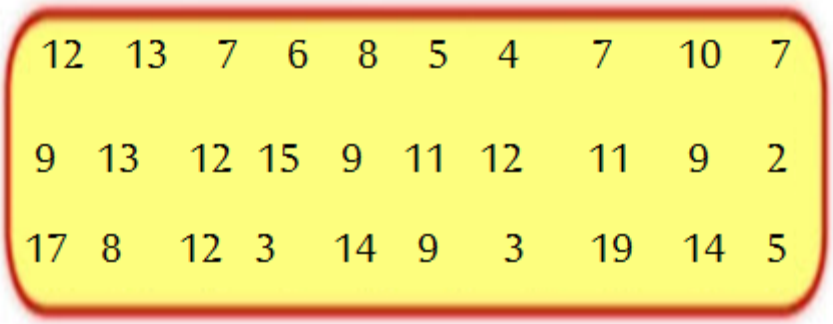
The following figure shows the favorite color of a group of students, organize this data in the following table, then answer the following questions :

- What color is the most favorite for the student group?
- What color is the least Favorite for the student group?

Worksheet (3)

In the figure below, the grades that obtained by 30- students in an exa

obtained by a students in one of the tests.



- Organize the Previous data using the tally table, then answer the following:
- What is the most frequency degree?
- What is the least frequency degree?

-

Worksheet (4)

Ask your classmates to choose the means of transportation by which they go t school, among the following means:

Bus - Walk - Car - Other Way

Then, fill in the next table.

means of transportation				

then organized this data into the following tally-table:

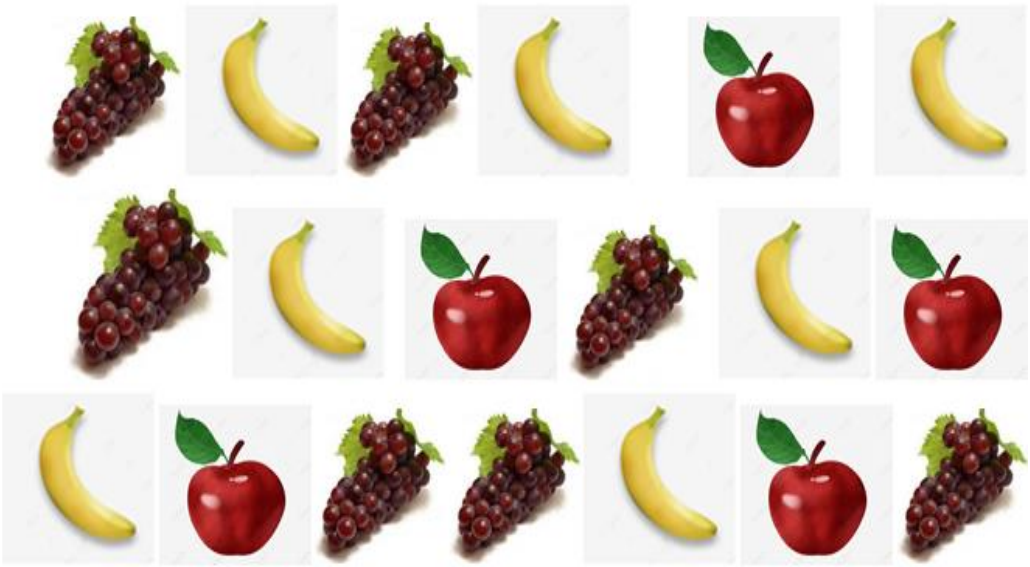
How do you go to school ?		
mean of transportation	tally marks	Total

Worksheet (5)

Here are the weights of a group of students, use the tally-table to organize these weights:

- 46 , 42 , 38 , 37 ,43 , 42 , 38 ,45 , 41 ,44 , 42 , 40 , 37 , 41 ,
- 41 , 40 , 39 , 43 , 40 , 41 , 42 , 42 , 38 , 40, 36 , 40 , 45 , 39
  43 , 44 , 36 , 44 , 46 , 35 , 38 , 39 , 40 , 43 , 41 , 39 ,

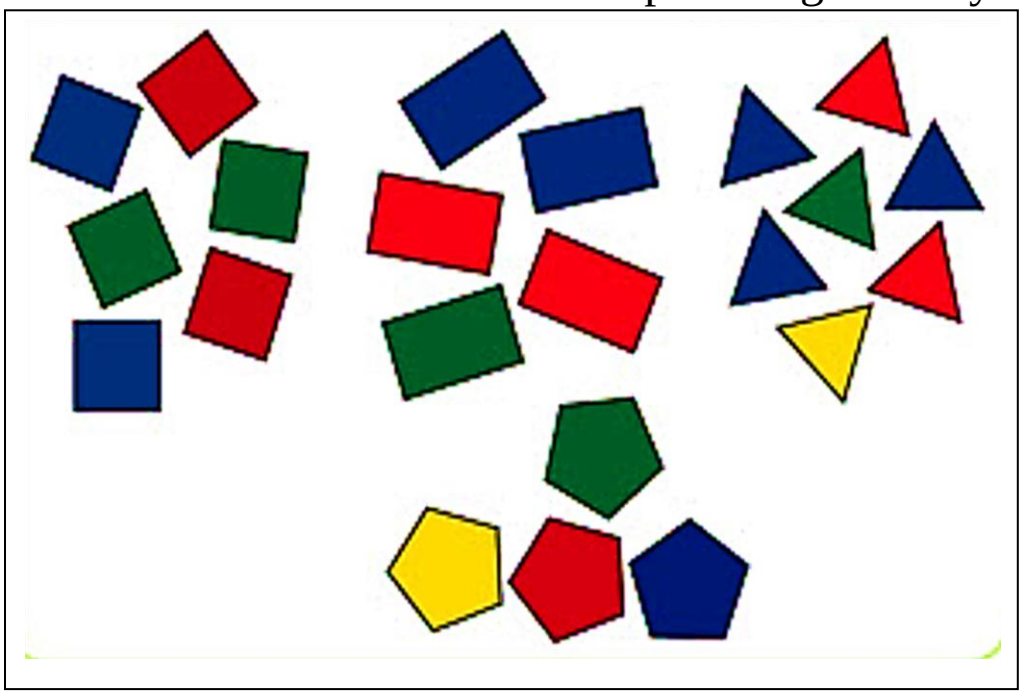
Worksheet (6)



Use the tally-table to organize the previous fruit numbers.

Worksheet (7)

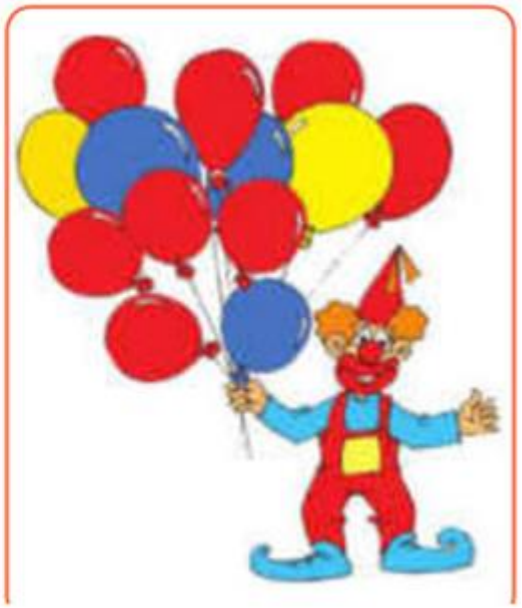
The following figure shows a group of colored shapes. Organize the data for the number of each of these shapes using the tally-table.



Worksheet (8)

Construct the tally-table for each of the following balloons colors, then use them to fill the table below:

Color	number of balloons
Red	.....
Blue	
Yellow	



Worksheet (9)

The teacher asked his students to head to the student counselor to determine the number of absence days of the students in the class, knowing that their number is 40 students.
The data were as follows:

6	2	1	4	1	3	0	5	1	2
0	1	2	1	4	5	3	1	2	0
3	1	0	1	2	4	4	0	1	3
3	2	4	3	4	1	7	6	2	1

Organize these data by representing them using the tally-table

Worksheet (10)

Favorite pie		
With meat.	With cheese.	With cheese.
With meat.	With eggs.	With cheese.
	With eggs.	With cheese.
	With eggs.	With cheese.

The previous figure shows the types of pies preferred by some students, use the tally-table to organize the presentation of these data, then use them to determine the type of pie that is the most preferred to the students.

Worksheet (11)

basketball	handball	Football	basketball	Football	Volleyball	Football	handball	basketball	Football
handball	Football	handball	Football	handball	Football	basketball	Football	Football	basketball
basketball	Football	handball	Volleyball	basketball	Football	handball	basketball	Volleyball	Football
handball	Volleyball	basketball	Football	handball	Football	handball	Football	basketball	Football
basketball	Football	basketball	basketball	Football	basketball	Football	basketball	Football	handball

- The previous table shows the type of preferred sport for a group of students. Organize the previous data using the tally table, then answer the following questions:
- What is the most preferred sport for the group of students?
- What is the least preferred sport for the group of students?

Worksheet (12)

The previous figure shows a group of animals, use the tally tab
to organize the data of this figure.

Worksheet (13)

A statement of the students' hobbies				
football	Drawing	football	Singing	Drawing
Drawing	Singing	Drawing	football	Singing
Singing	football	Drawing	Singing	Singing
football	Singing	football	Singing	football

The previous table shows a statement of the hobbies of a group of children, use the tally table to organize these data

Worksheet (14)

The number of brothers for each student in the class.					
1	3	4	1	0	3
1	2	2	3	2	0
4	4	3	3	1	2
1	3	3	0	2	1
3	1	2	2	3	0

Use the tally table to organize the previous data, and then create a simple frequency table for these data.

Worksheet (15)

Students' lengths in centimeters.				
111	112	115	114	111
111	115	112	114	114
111	115	115	112	112
114	111	112	112	111
111	112	115	115	112

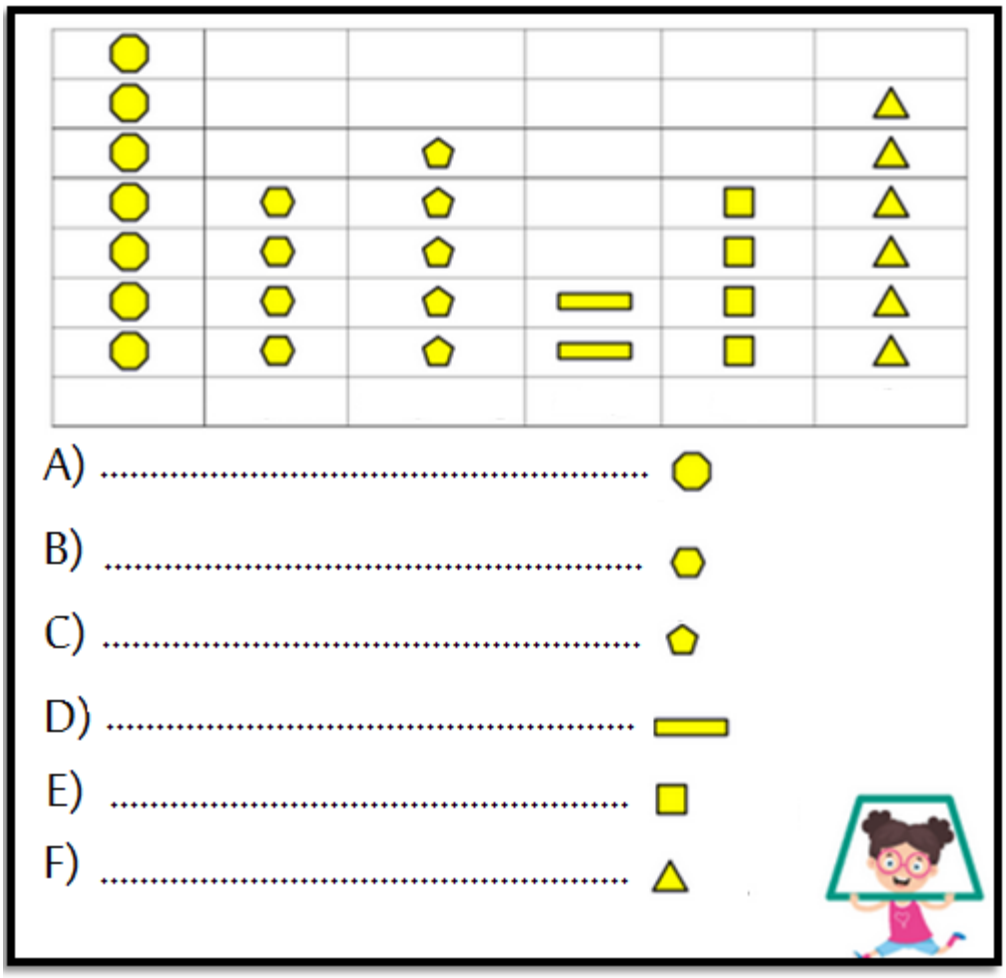
he previous table shows the lengths of a group of students in
ntimeters, organize the previous data using the tally table, then
etermine the most common length among the students of this clas

Topic (19)

Reading the graphic representation.

Worksheet (1)[80]

Observe the graph and write the number of each shape



Worksheet (2)

Observe the graph then answer.

sunny	☀	☀	☀	☀	☀	☀	☀	☀		
Cloudy	☁	☁	☁	☁	☁	☁	☁	☁	☁	☁
rainy	🌧	🌧	🌧	🌧	🌧	🌧				
snowy	🌨	🌨	🌨	🌨						
stormy	⛈	⛈	⛈							

A) How many days were sunny?

B) How many days were cloudy?

C) How many days were rainy?

D) How many days were snowy?

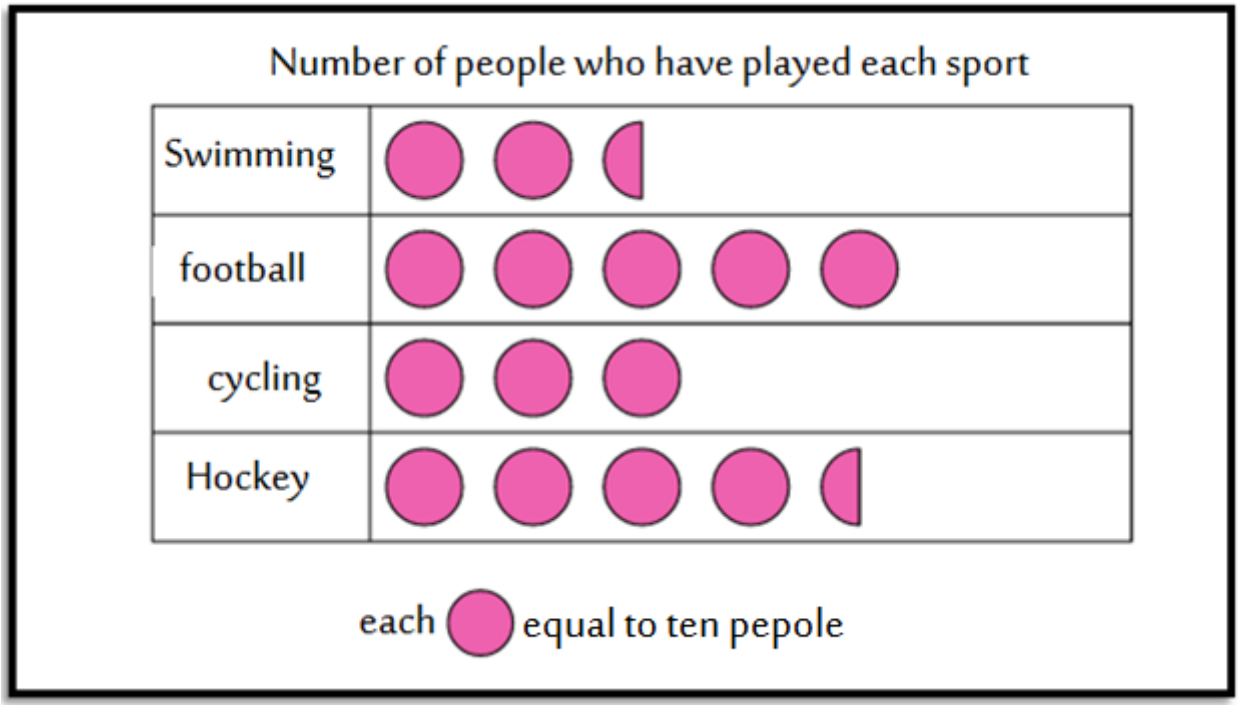
E) How many days were stormy?

F) Which figure got the most votes?

G) How many votes did the snowy weather get?

Worksheet (4)

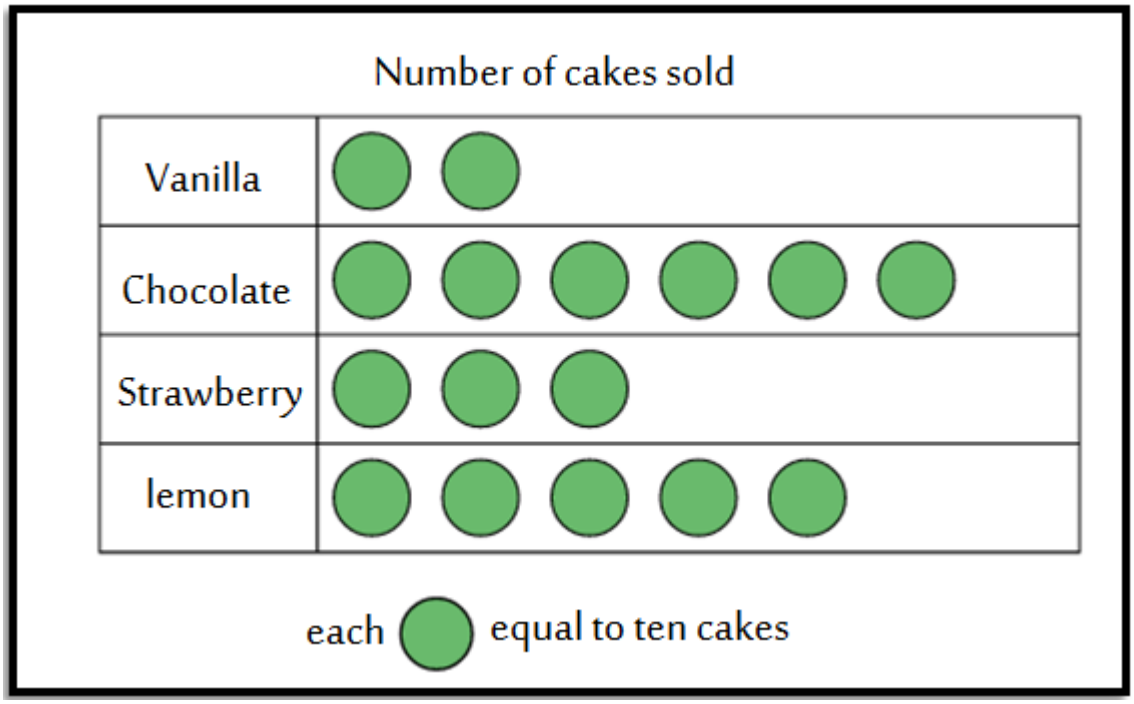
Observe the graph then answer.



- How many people have been swimming?
- How many people have played hockey?.....

Worksheet (5)

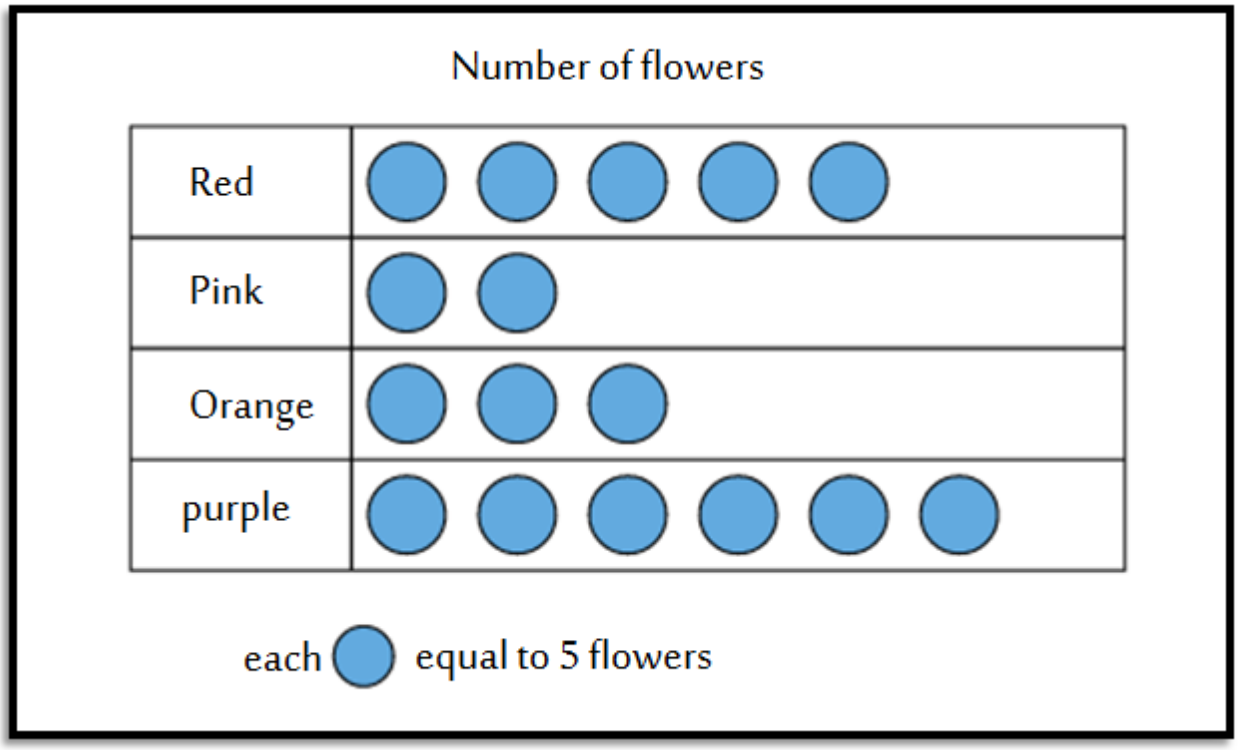
Observe the graph then answer.



- How many strawberry cakes are sold?.....
- By how much does the number of strawberry cakes excee the number of vanilla cakes?.....

Worksheet (6)

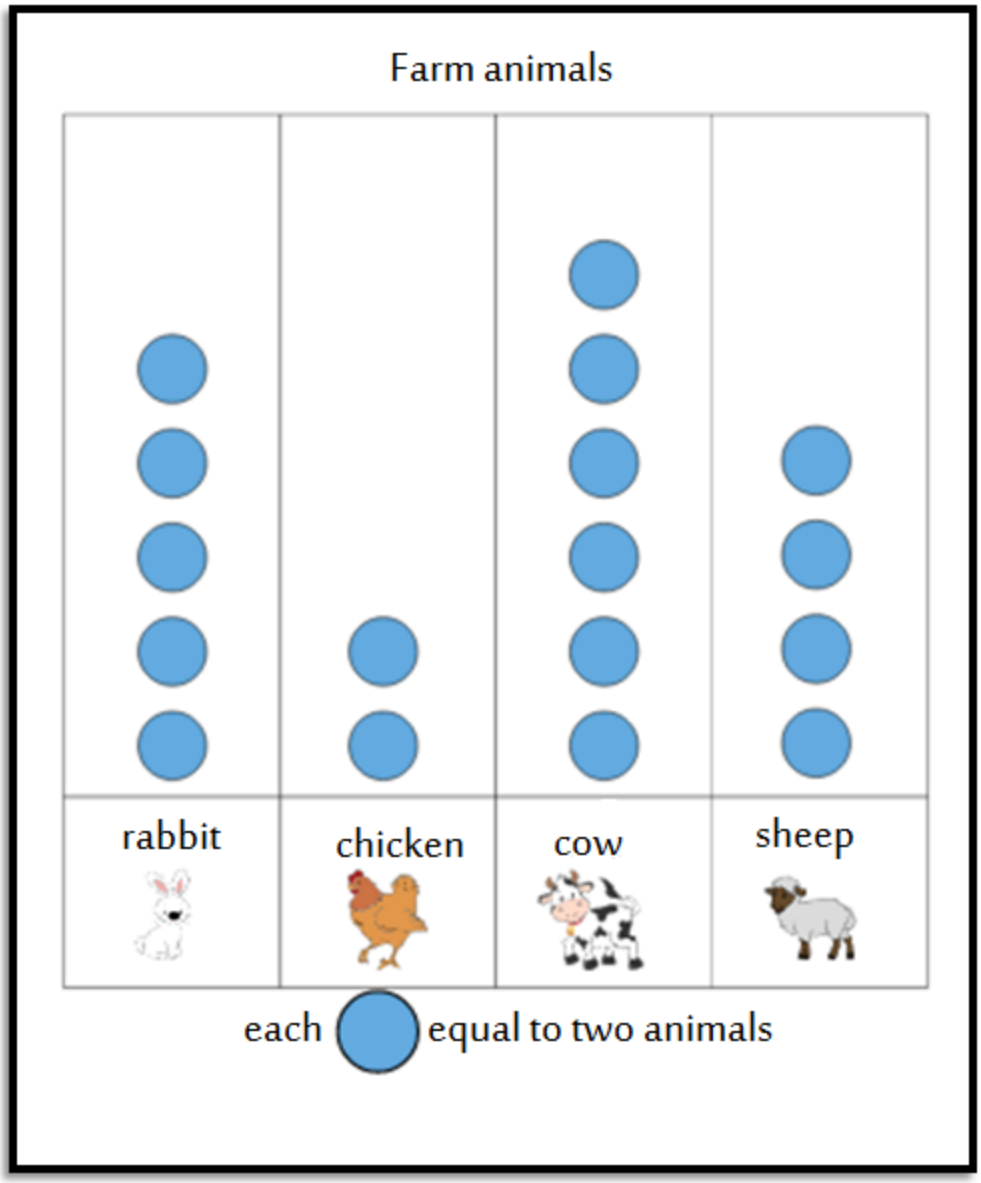
Observe the graph then answer.



- The number of purple flowers = ……
- The number of orange flowers = ……
- The total number of flowers = ……

Worksheet (7)

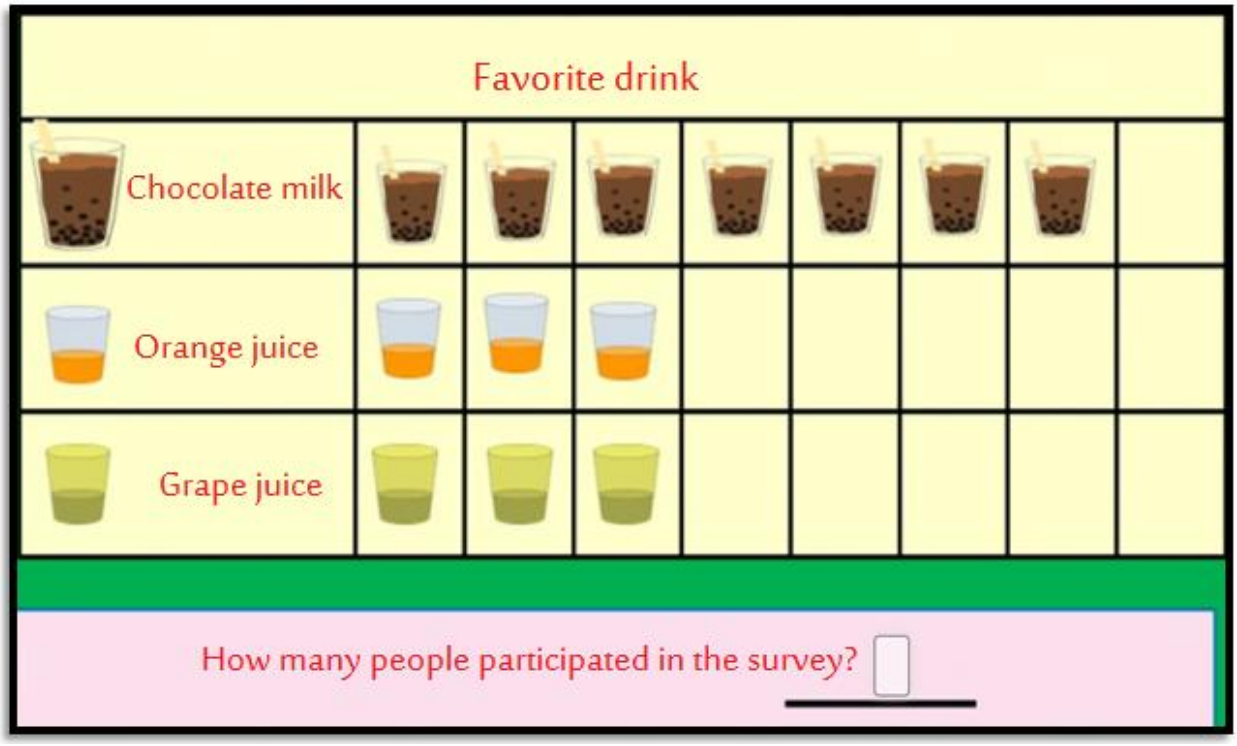
Observe the graph then answer.



How many animals are in the farm?.....

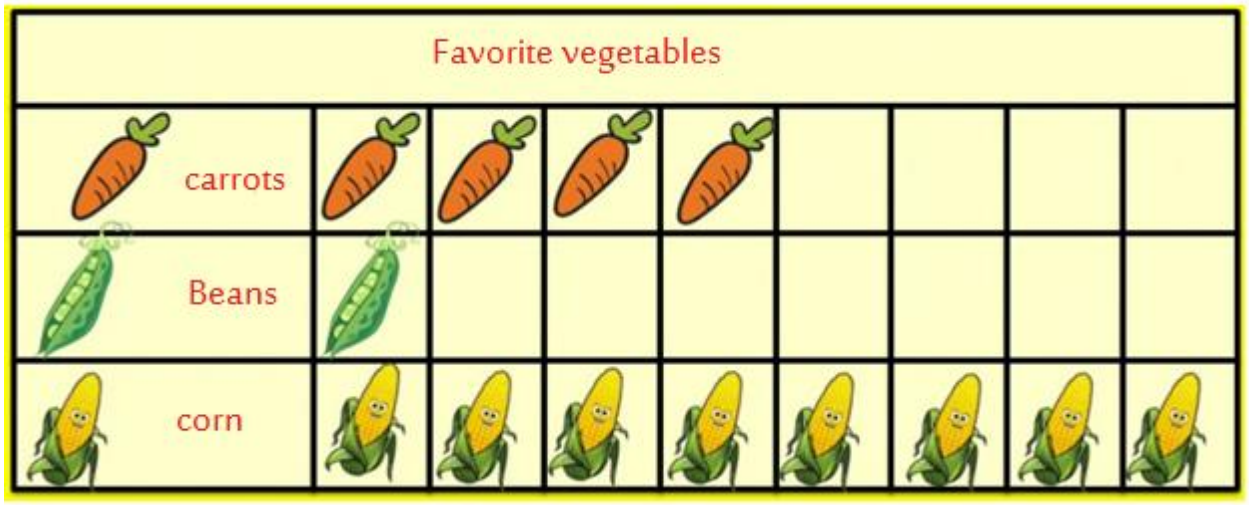
Worksheet (9)

Observe and discuss



Worksheet (8)

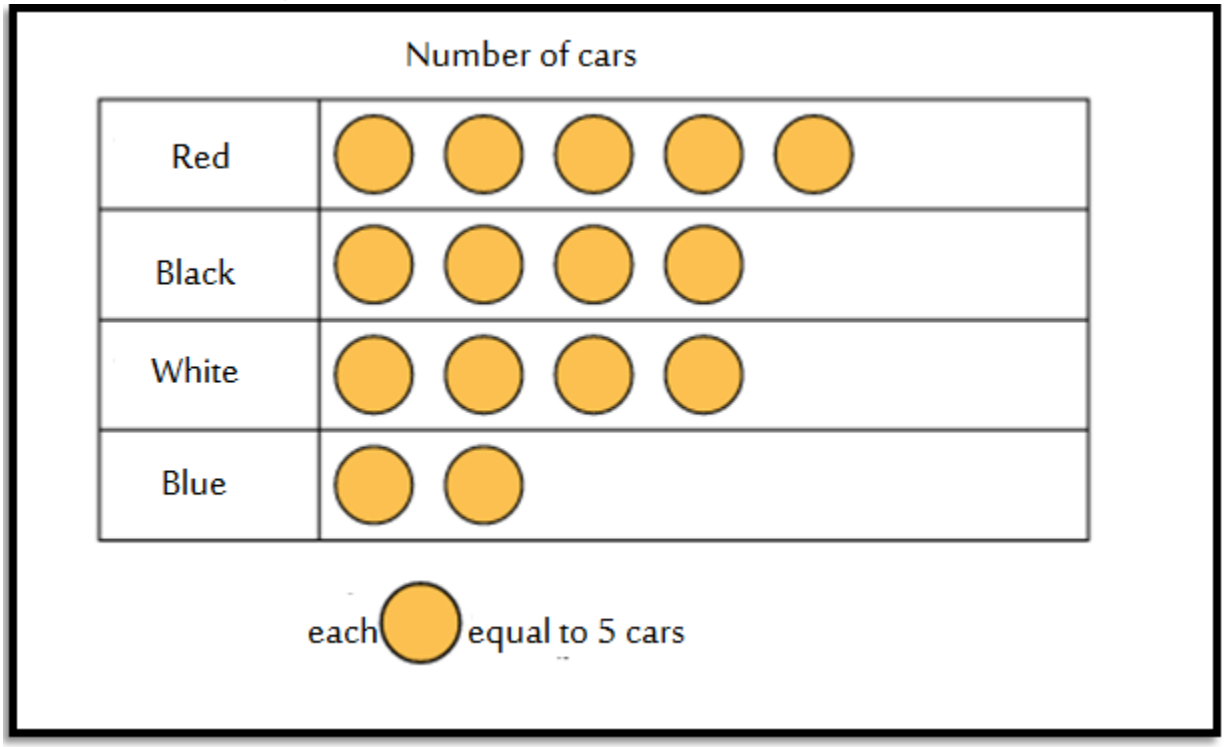
Observe and discuss:



- What is the total number of vegetables?.....
- Write down and discuss a set of questions about the above figure.

Worksheet (8)

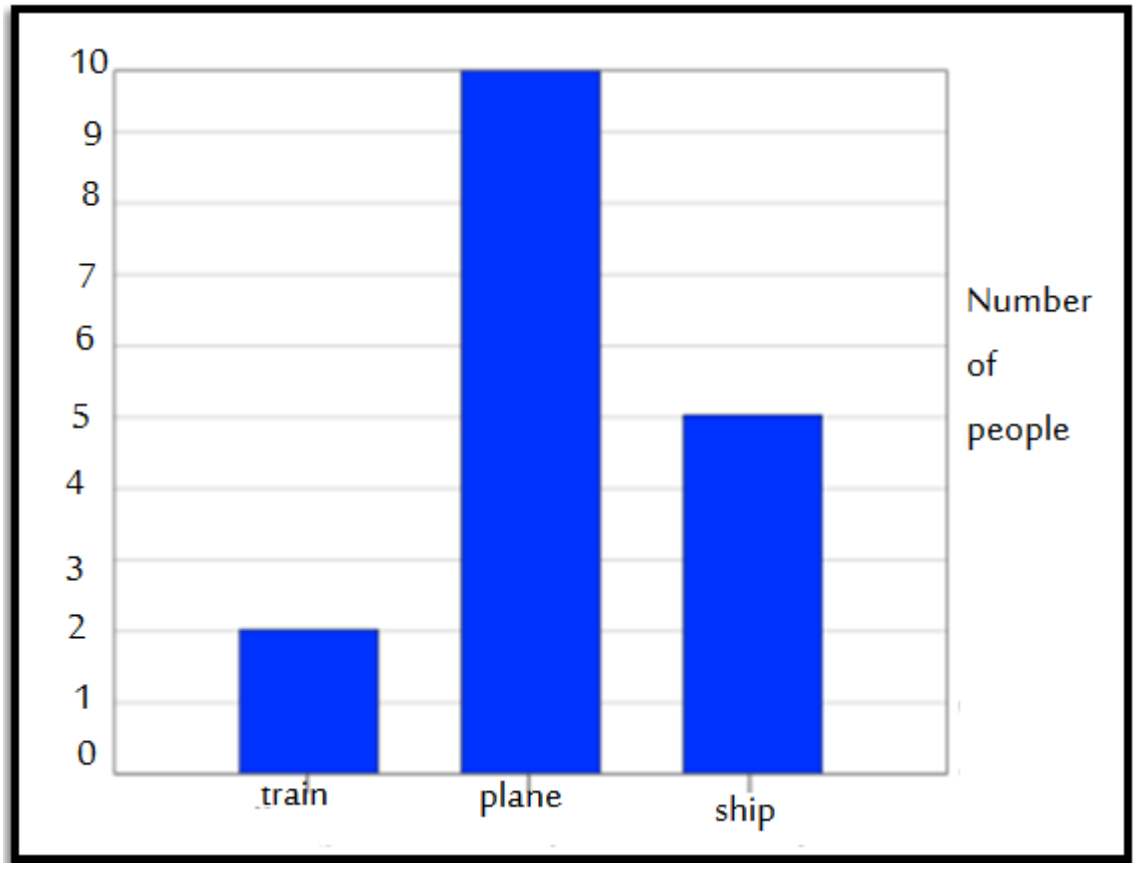
Observe the graph then answer.



- The number of white cars =……
- The number of red cars =……
- The total number of cars=.....

Worksheet (5)

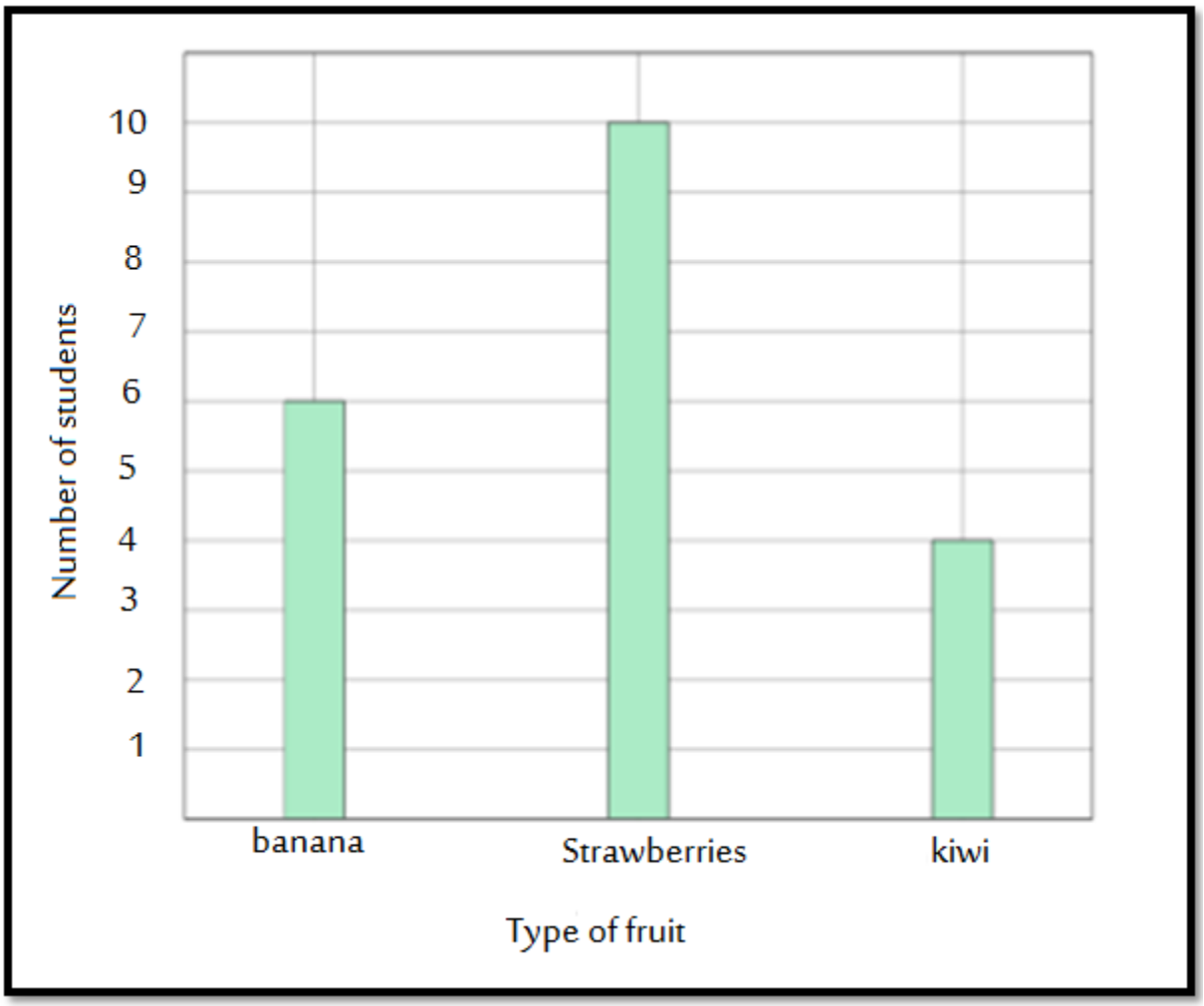
Observe the graph that showing the means of travel for a number of tourists in your country



What is the mean of travel that used by the least number of tourists?

Worksheet (6)

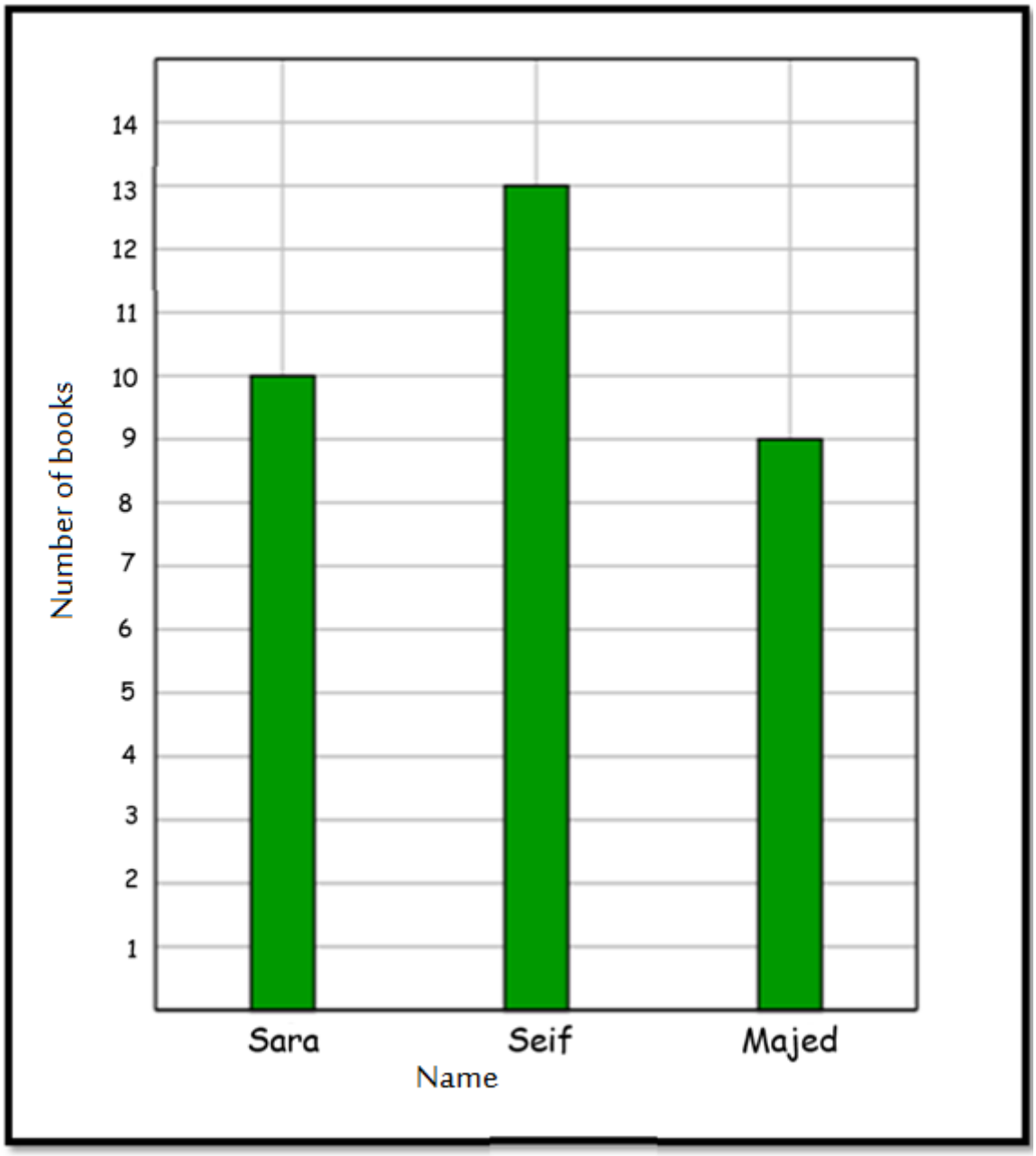
Observe the graph that shows the number of students who prefer a type of fruit, then answer.



- How many students prefer bananas?
- What is the difference between the number of students w prefer strawberry and the number of students who prefer Kiwi?

Worksheet (7)

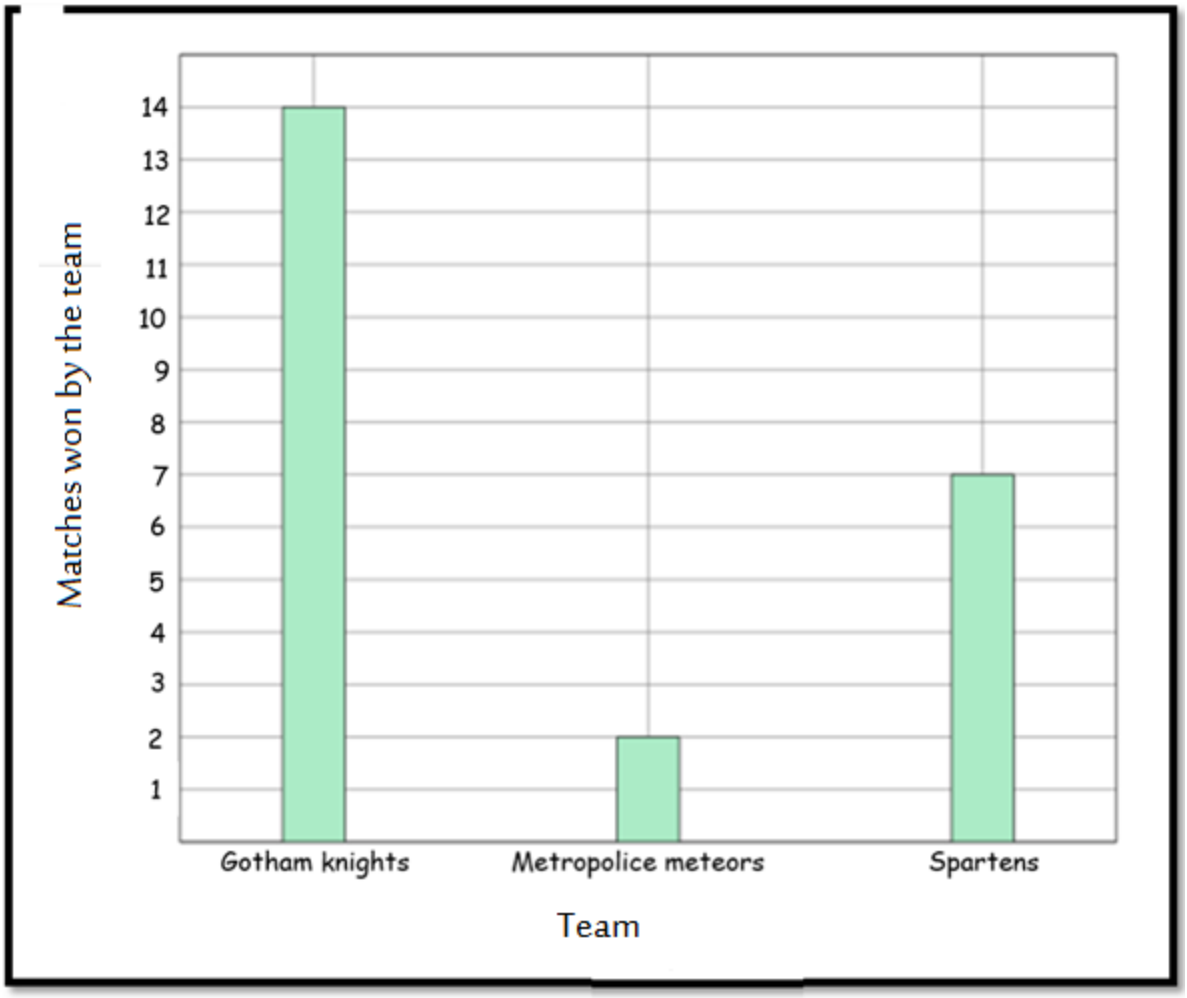
Observe the graph then answer.



How many books did Seif read?

Worksheet (8)

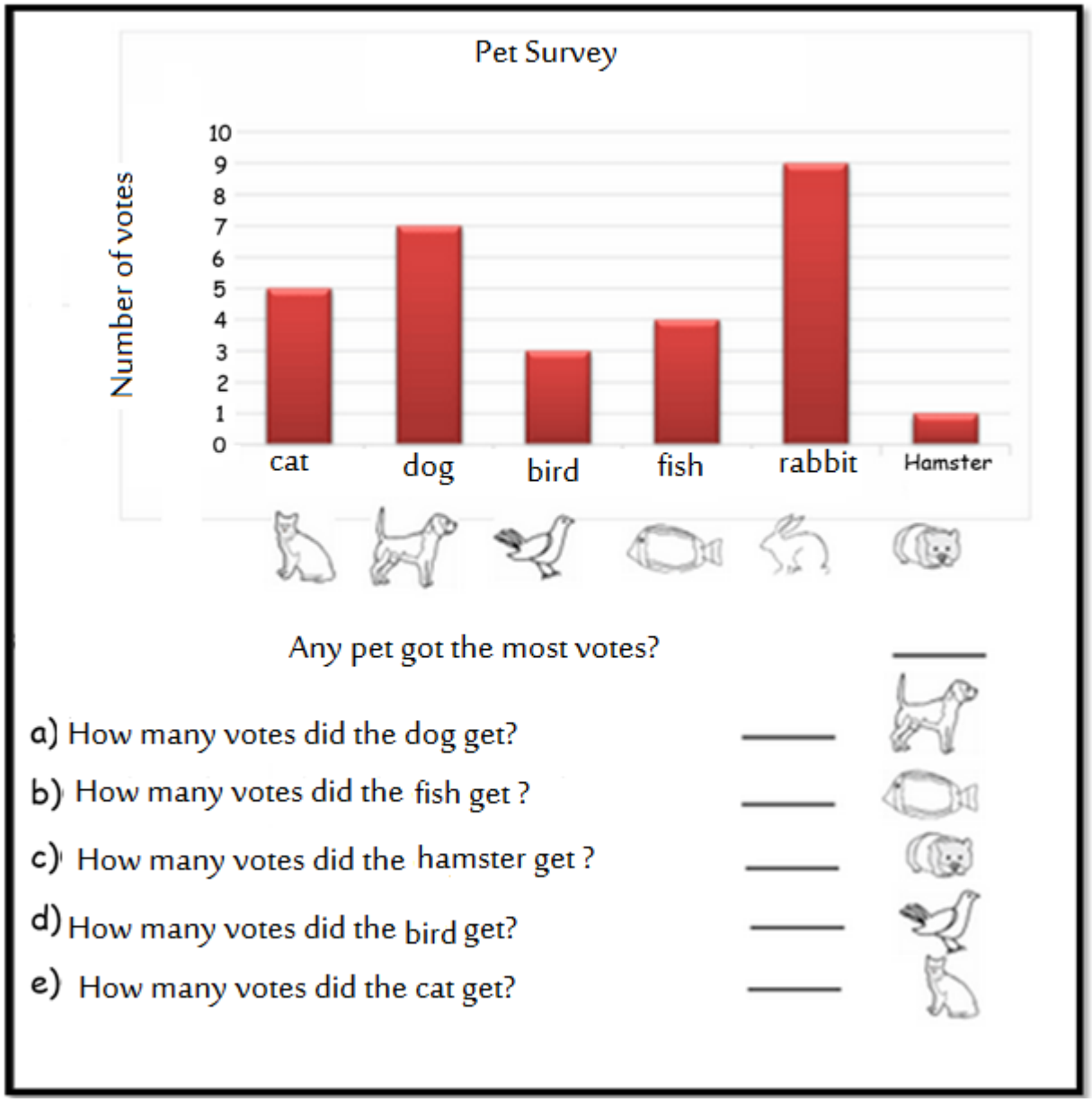
Observe the graph then answer.



- **How many matches has Gotham knights won?**
- **Which team won the fewest matches?**

Worksheet (9)

Observe the graph then answer.



Any pet got the most votes? _____

a) How many votes did the dog get? _____

b) How many votes did the fish get ? _____

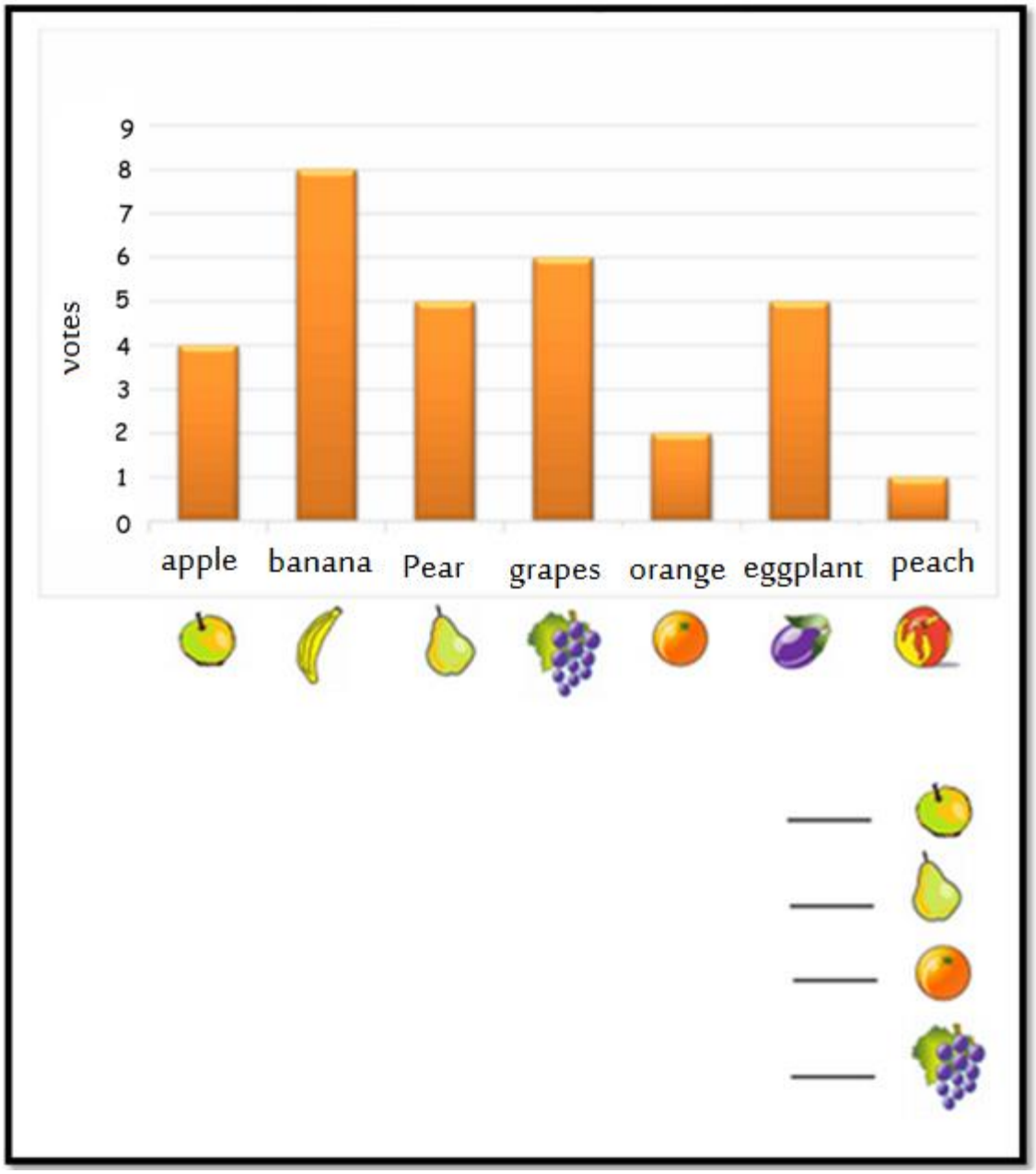
c) How many votes did the hamster get ? _____

d) How many votes did the bird get? _____

e) How many votes did the cat get? _____

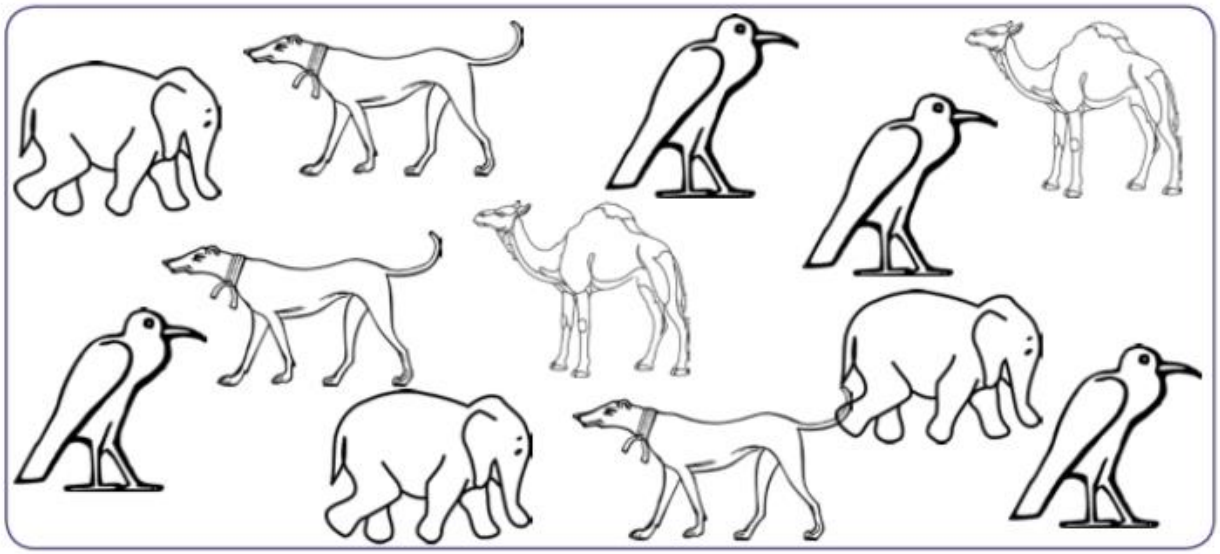
Worksheet (10)

Observe the graph then answer.

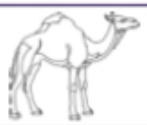


Worksheet (11)

Observe the pictures of animals and birds:



Count and color, to complete the following table:

Topic (20)

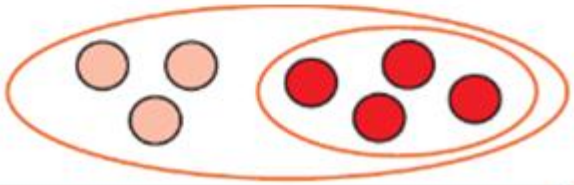
Solving word-problems.

Worksheet (1)

Using the following images

Make addition or subtraction

problems



Worksheet (2)

Malik went to the market to buy some fruit. He bought three apples and 4 oranges. What's the total number of fruits Malik bought?

total number of fruits = ***** + *****

= *****

With Mariam 12 flowers , She gave her friend five flowers , How many flowers are left with her?

Number of flowers left with Mariam = ****** - ******

= *******

Worksheet (3)

The librarian counted the books in the library, she found 165 science books and 124 stories what is the total number of books in the library?

Use the following four steps to solve the problem:

Understand ...

plan ...

solve...

Check ...

Worksheet (4)

If the number of boys in a school is 175 , and the number of girls is 124. What is the difference between the number of girls and boys in school .

Use the following four steps to solve word problems

Understand ...

plan ...

solve...

Check ...

Worksheet (5)

In one street of the capital, the house of Hamdan is located between the houses of Ahmad and Suleiman, if the distance between Ahmad's house and the Suleiman' house is 945 meters, and the distance between Ahmad's house and Hamdan's house is 255 meters.

Find the distance between Hamdan's house and Suleiman's house.

The estimation of the answer:

.....

.....

.....

The exact answer:

.....

.....

.....

Worksheet (6)

Kazem covered 20 kilometers to work and back every week. If he works 5 days a week, how many kilometers does Kazem cover every day to work and back?

Can be solved using a strategy .....

.....

.....

.....

.....

.....

Worksheet (7)

During the day: A doctor can test 30 patients in 5 hours, if he tested the same number of patients each hour, how many patients are tested per an hour.

Use the following four steps to solve word problems

Understand ...

plan ...

solve...

Check ...

Worksheet (8)

A bus arrives at the parking plot each thirty minutes, if the first bus at 8:00, when does the fourth bus arrive?

Can be solved using a strategy .....

.....

.....

.....

.....

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