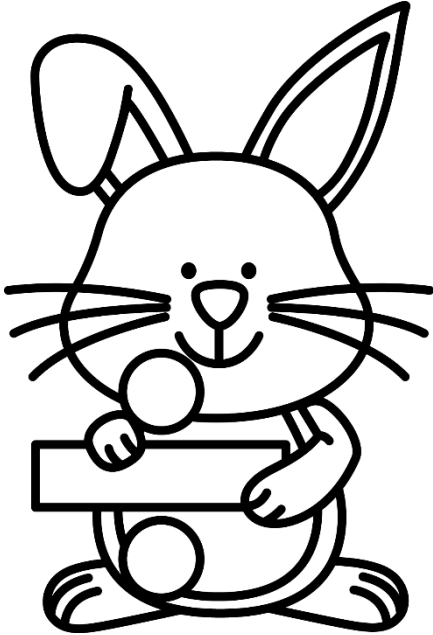
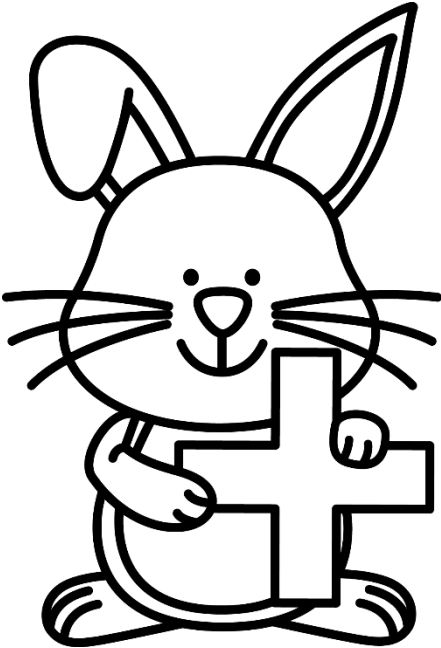


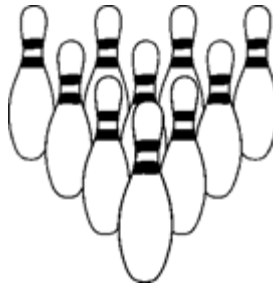
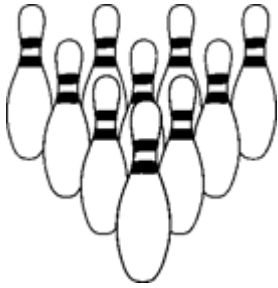
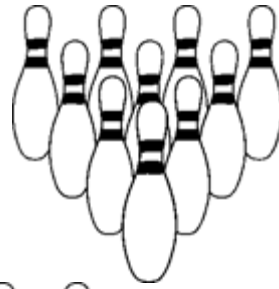
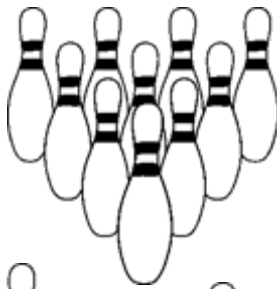
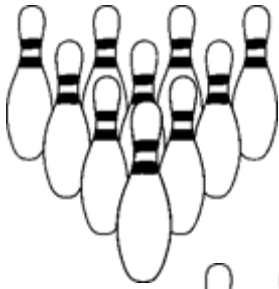
GRADE 3
MATHEMATICS

Term 3

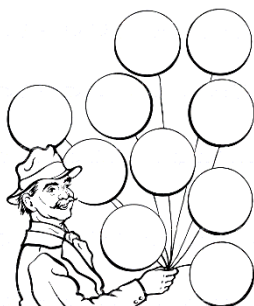
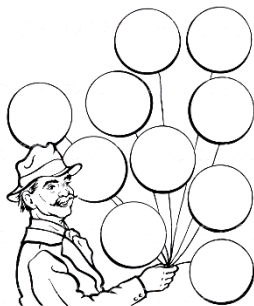
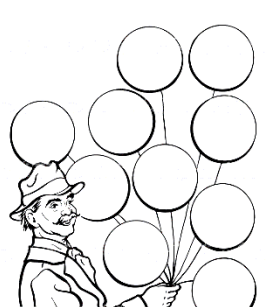
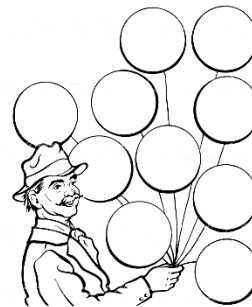
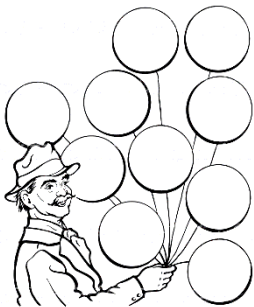
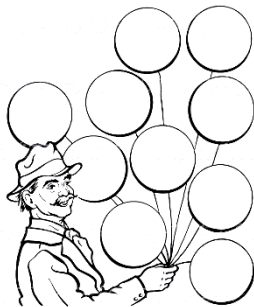
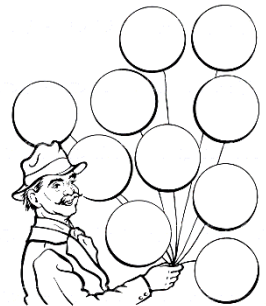
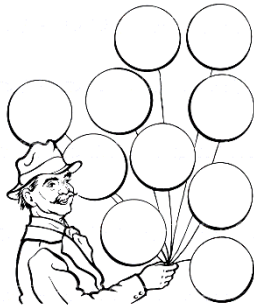
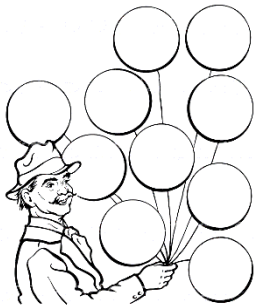


Name:

Count



Count how many balloons the man is holding. Count in groups to help you. Write your answer in the block.



Count

Count how many blocks you see and write your answer in the blocks.

100 blocks (10x10x10) + 8 blocks (1x1x10)

100 blocks (10x10x10) + 100 blocks (10x10x10) + 2 blocks (1x1x10)

400 blocks (4x10x10x10) + 5 blocks (1x1x10)

700 blocks (7x10x10x10)

Complete the table

Number name	Number symbol
Three hundred and forty four	
	500
Two hundred and thirty two	
	453
	267
Thousand	

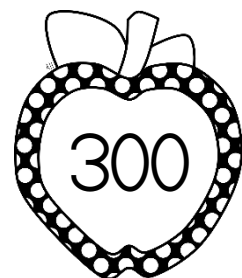
Match the number names with the number symbols. Use a ruler to draw a line.

One hundred
and twenty
two

Four hundred
and seventy
nine

Three hundred

Two hundred
and eighty



Double and half

Double the following numbers.

12

50

15

30

24

Divide the numbers in half.

20

88

22

50

40

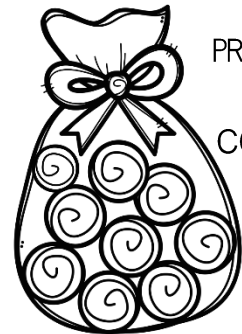
100

PREDICT

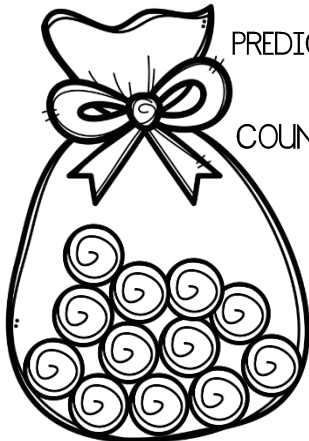
Predict how many sweets there are in each bag.



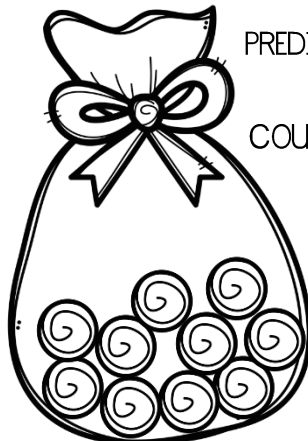
PREDICT
COUNT



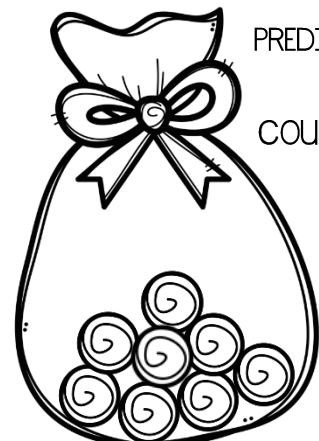
PREDICT
COUNT



PREDICT
COUNT

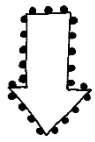


PREDICT
COUNT



PREDICT
COUNT

Count backward and forward



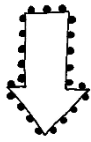
580



570



530



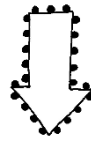
898



900



902



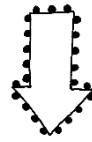
880



900



980



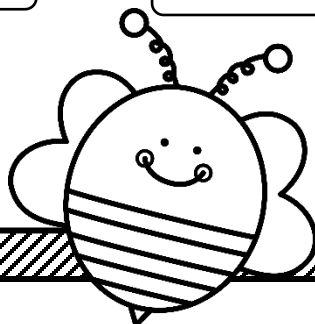
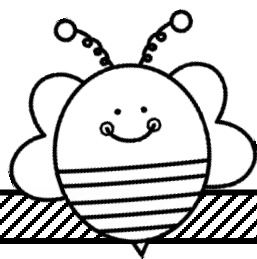
700



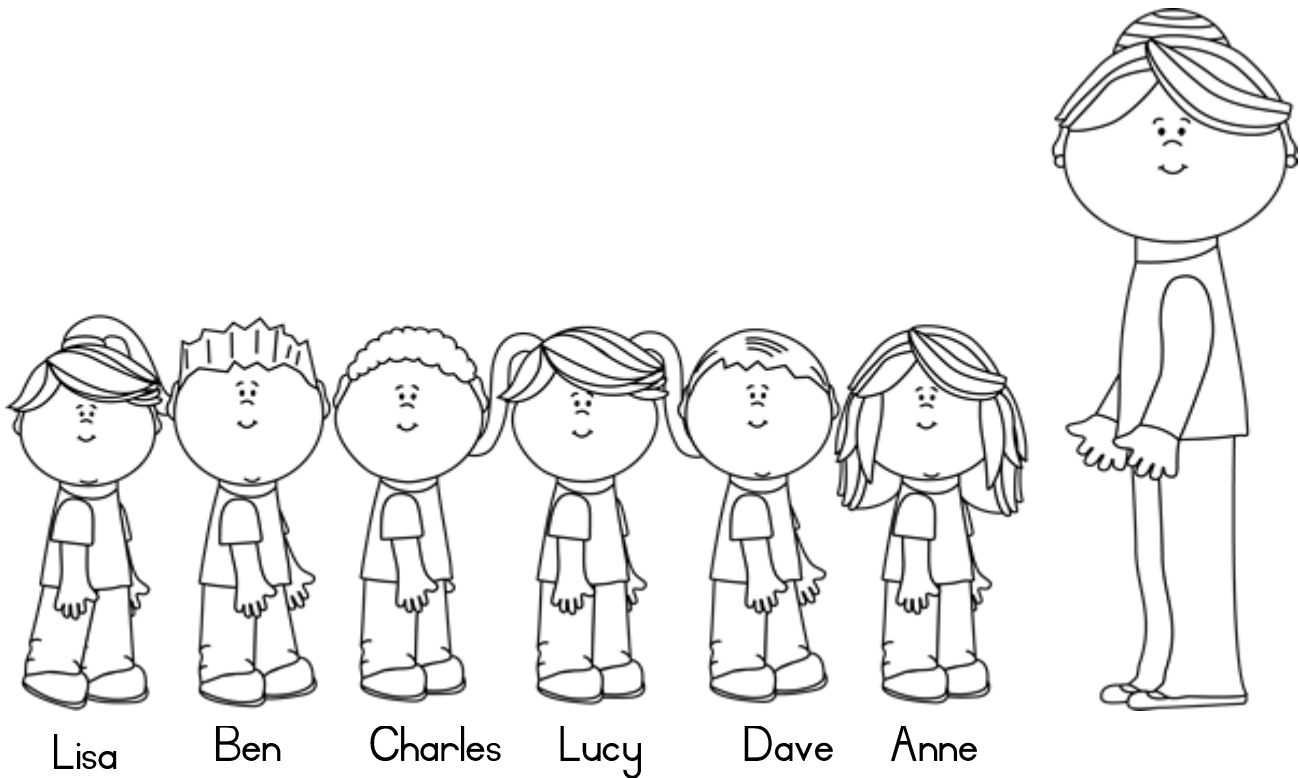
725



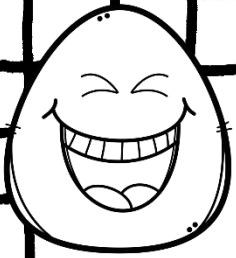
750



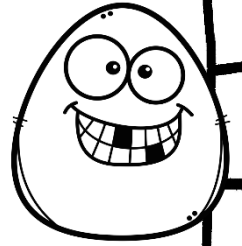
Answer the following questions about the students standing in the line. Start with the teacher as the starting point.



1. Who is first in line? _____
2. Who is second in line? _____
3. Where is Charles in the line? _____
4. Who is last in the line? _____
5. How many children are there in the line? _____
6. Colour the fifth student in the line yellow.



Comparing whole numbers



Fill in your own numbers.

<input type="text"/> is 1 more than <input type="text"/>	<input type="text"/> is 1 less than <input type="text"/>
<input type="text"/> is 10 more than <input type="text"/>	<input type="text"/> is 10 less than <input type="text"/>
<input type="text"/> is 2 more than <input type="text"/>	<input type="text"/> is 2 less than <input type="text"/>
<input type="text"/> is 3 more than <input type="text"/>	<input type="text"/> is 3 less than <input type="text"/>

Colour in the correct answer.

499 is _____ 489

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

118 is _____ 181

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

232 is _____ 323

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

500 is _____ 500

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

311 is _____ 310

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

410 is _____ $400 + 10$

greater than	<input type="checkbox"/>
less than	<input type="checkbox"/>
equal to	<input type="checkbox"/>

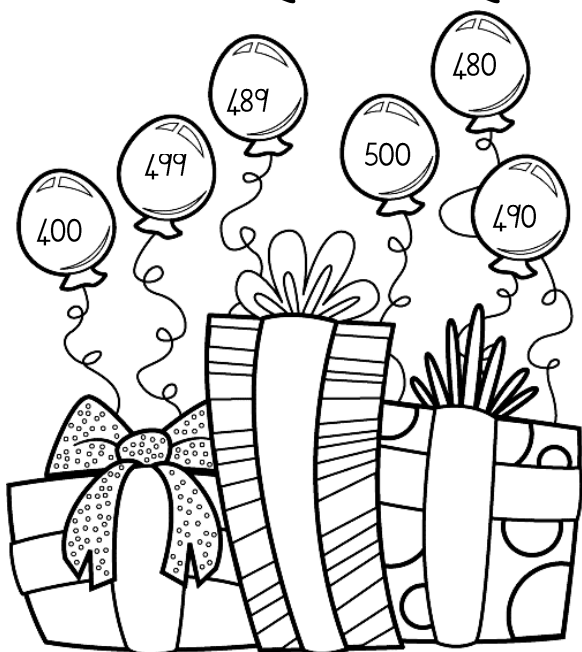


ADD AND SUBTRACT

Complete the table by adding or subtracting

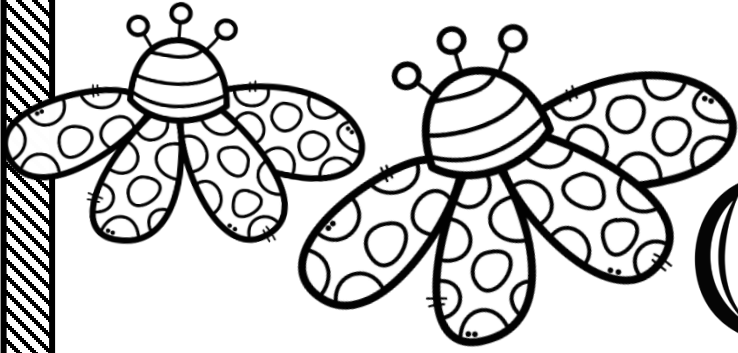
Number	+2	-2	+4
488			
322			
279			
500			
625			

ORDER NUMBERS



Order the numbers in the balloons from greatest to least.

Order the numbers in the balloons from least to greatest.



Expanded notation

Write the numbers in expanded notation.

345	=	+	+
289	=	+	+
511	=	+	+
675	=	+	+
750	=	+	+
524	=	+	+
734	=	+	+
276	=	+	+
673	=	+	+

Place value

Write the place value of the underlined numbers.

750

176

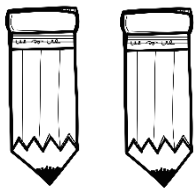
632

336

432

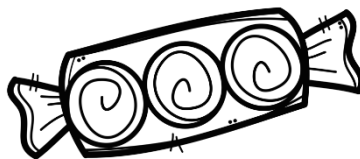
561

Groups of 2



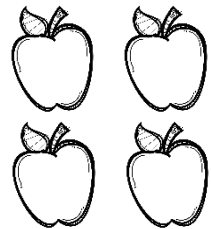
- 1 group of 2 is ___
- 2 groups of 2 is ___
- 3 groups of 2 is ___
- 4 groups of 2 is ___
- 5 groups of 2 is ___

Groups of 3



- 1 group of 3 is ___
- 2 groups of 3 is ___
- 3 groups of 3 is ___
- 4 groups of 3 is ___
- 5 groups of 2 is ___

Groups of 4



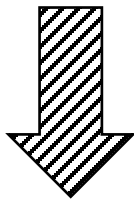
- 1 group of 4 is ___
- 2 groups of 4 is ___
- 3 groups of 4 is ___
- 4 groups of 4 is ___
- 5 groups of 4 is ___

FUN WITH SUMS

Adding three-digit numbers by breaking up both numbers

Example:

$$\begin{aligned} 524 + 82 &= \square \\ &= (500 + 20 + 4) + (80 + 2) \\ &= 500 + (20 + 80) + (4 + 2) \\ &= (500 + 100) + 6 \\ &= 600 + 6 \\ &= 606 \end{aligned}$$



$524 + 23$

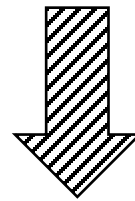
$251 + 14$

$345 + 33$

Adding of two three-digit numbers by breaking up both numbers

Example:

$$\begin{aligned} 323 + 436 &= \square \\ &= (300 + 20 + 3) + (400 + 30 + 6) \\ &= (300 + 400) + (20 + 30) + (3 + 6) \\ &= 700 + 50 + 9 \\ &= 759 \end{aligned}$$



$452 + 232$

$125 + 144$

$445 + 331$



FUN WITH SUMS

Subtracting by breaking up both numbers

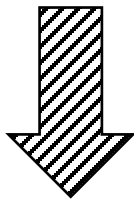
Example:

$$\begin{aligned} 889 - 137 &= \square \\ &= (800 + 80 + 9) - (100 + 30 + 7) \\ &= (800 - 100) + (80 - 30) + (9 - 7) \\ &= 700 + 50 + 2 \\ &= 752 \end{aligned}$$

Subtracting by breaking up one number

Example:

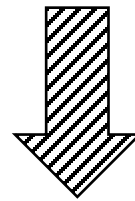
$$\begin{aligned} 889 - 137 &= \square \\ 889 - (100 + 30 + 7) \\ 889 - 100 & \quad 789 - 30 \quad 759 - 7 \\ &= 752 \end{aligned}$$



$652 - 121$

$325 - 214$

$435 - 334$



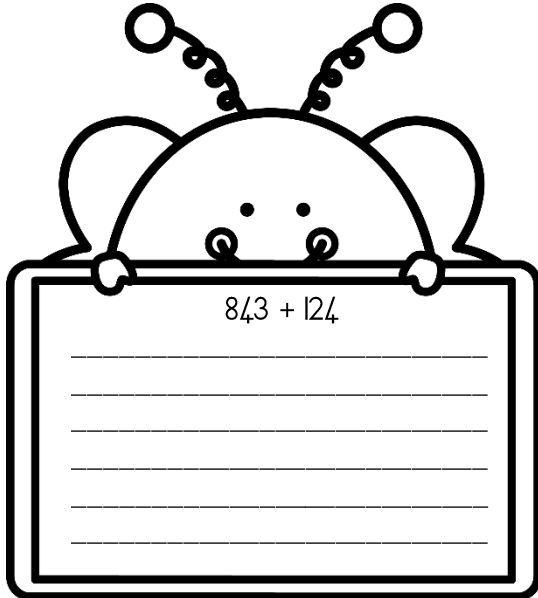
$652 - 121$

$325 - 214$

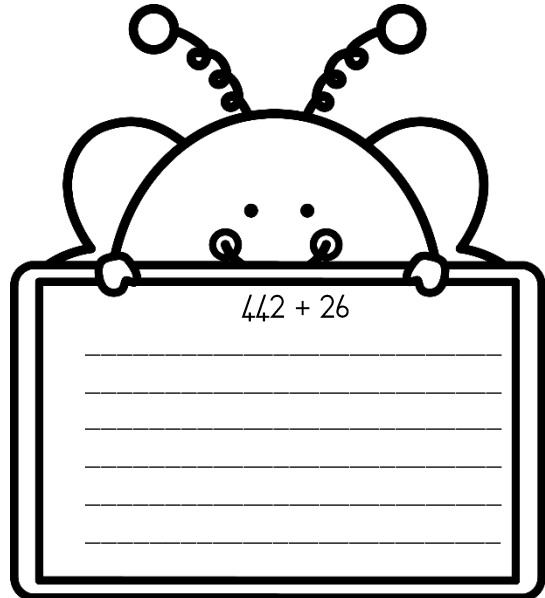
$435 - 334$

FUN WITH SUMS

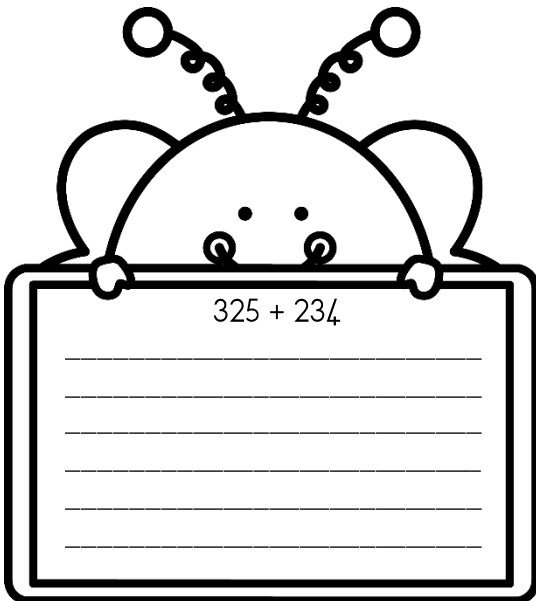
Help the bees to do the sums.



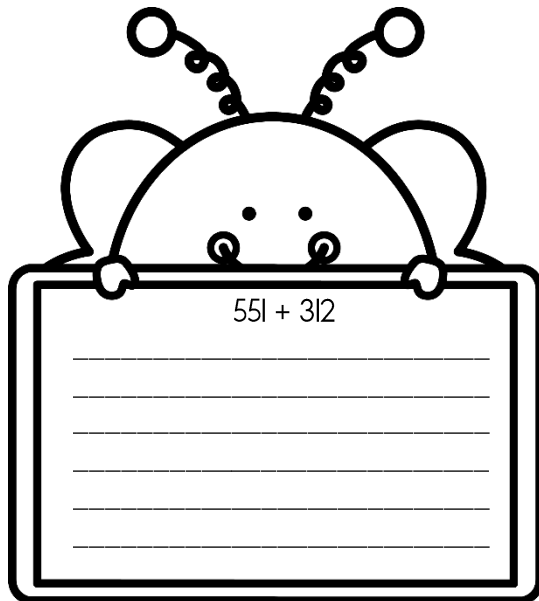
$843 + 124$



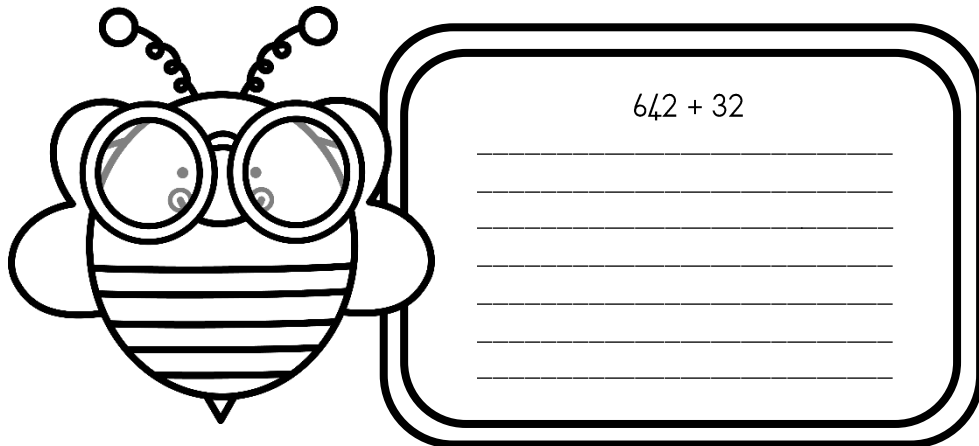
$442 + 26$



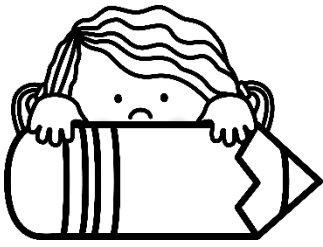
$325 + 234$



$551 + 312$



$642 + 32$



More and less



1 less than 500 ____

5 less than 45 ____

7 less than 189 ____

4 more than 400 ____

5 more than 254 ____

7 more than 372 ____

5 less than 786 ____

1 less than 200 ____

5 less than 256 ____

10 more than 68 ____

1 more than 324 ____

2 more than 358 ____

10 less than 68 ____

10 less than 545 ____

3 less than 437 ____

2 more than 126 ____

2 more than 88 ____

5 more than 285 ____

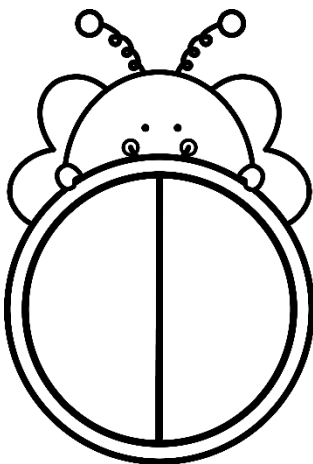
2 less than 140 ____

2 less than 38 ____

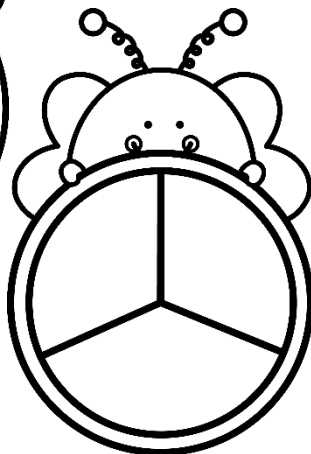
2 less than 224 ____

Fractions

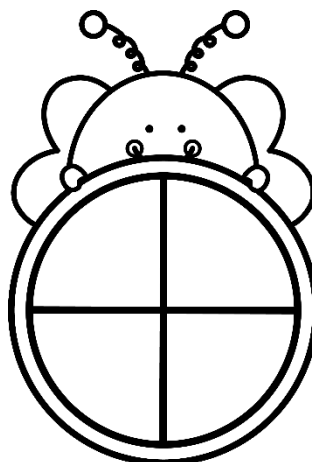
Colour in the fractions.



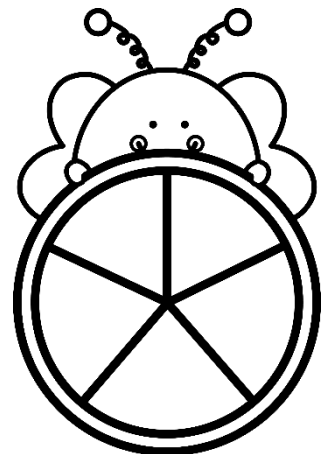
$\frac{1}{2}$



$\frac{2}{3}$



$\frac{1}{4}$



$\frac{3}{5}$

Fractions

1. Divide 7 blocks of chocolate between three friends so that each friend receives the same amount.

2. Divide 5 cupcakes between 2 friends so that each friend receives the same amount of cupcakes.

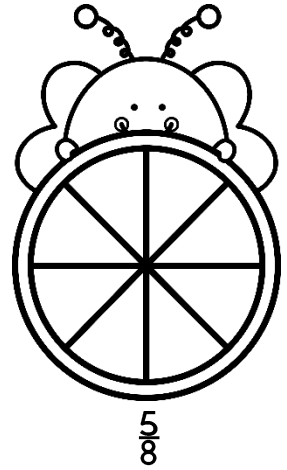
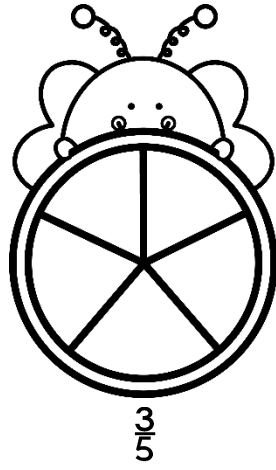
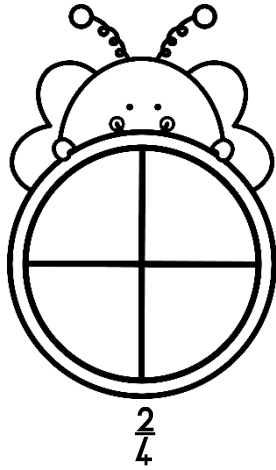
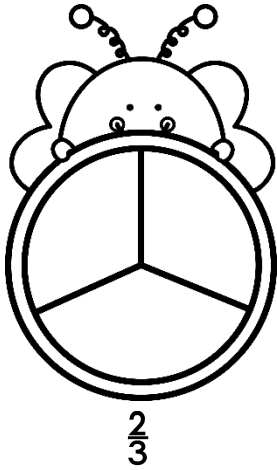


3. Grandmother gives Anne R12. Anne wants to save a third of the money. How much of the R12 will she save?

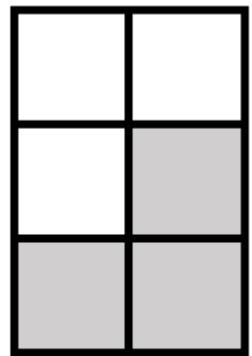
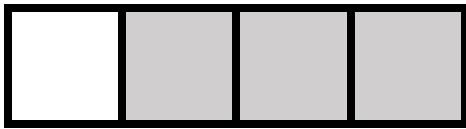
4. There is 12 cookies on the plate. Mom eats a quarter of the cookies. How many cookies are left?

FRACTIONS

Colour in the circles according to the fractions.



What fraction is colored in?



Write the following words in fractions.

1. Two thirds: _____
2. Three quarters: _____
3. Quarter: _____
4. Half: _____

Multiplication

Complete the tables and answer the questions.

	1	2	3	4	5	6	7	8	9	10
x5										
x10										

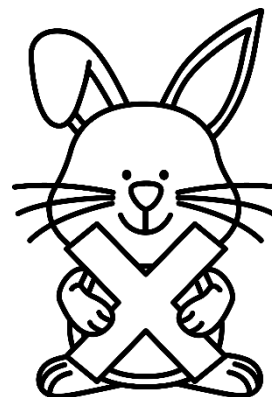
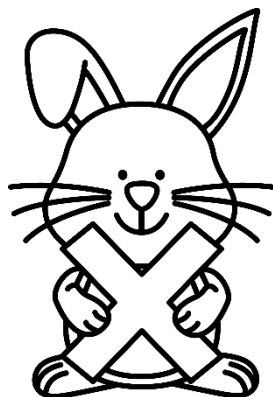
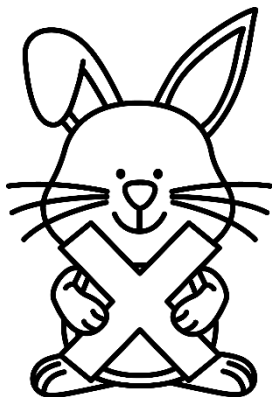
	1	2	3	4	5	6	7	8	9	10
x2										
x4										

1. What pattern do you see at the 5 times row?

2. What pattern do you see at the 10 times row?

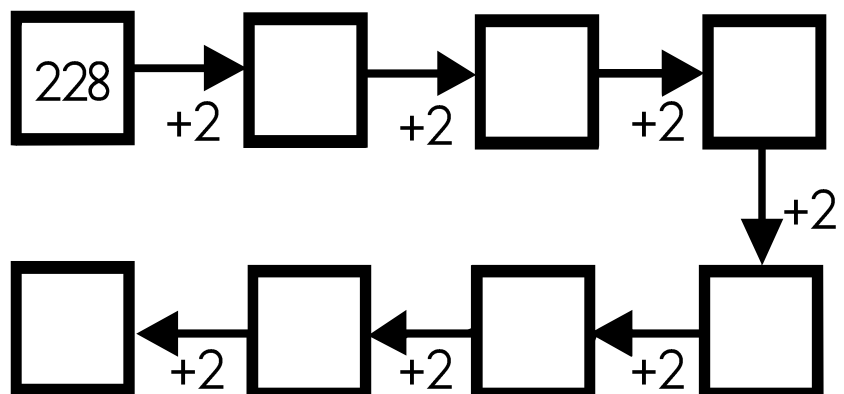
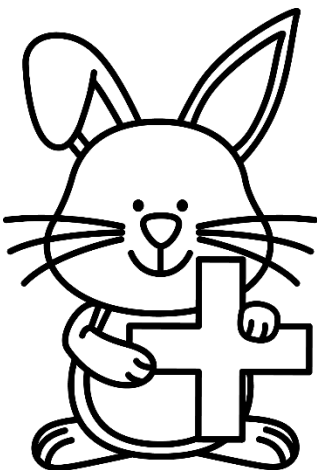
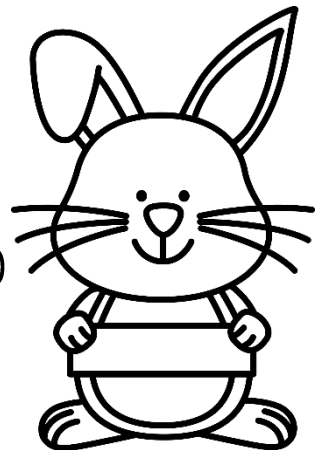
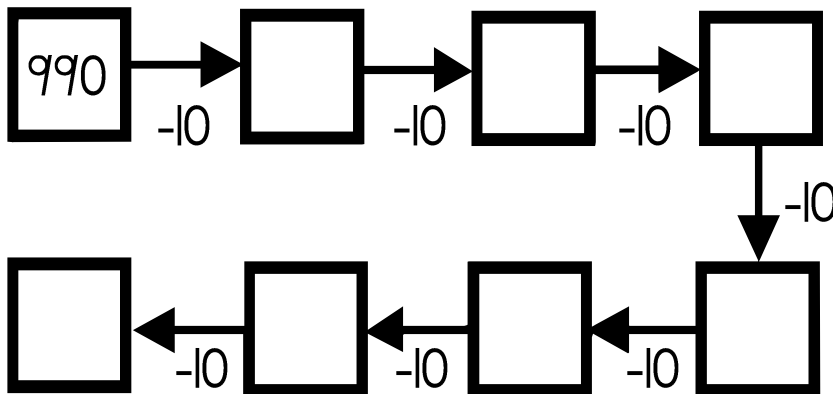
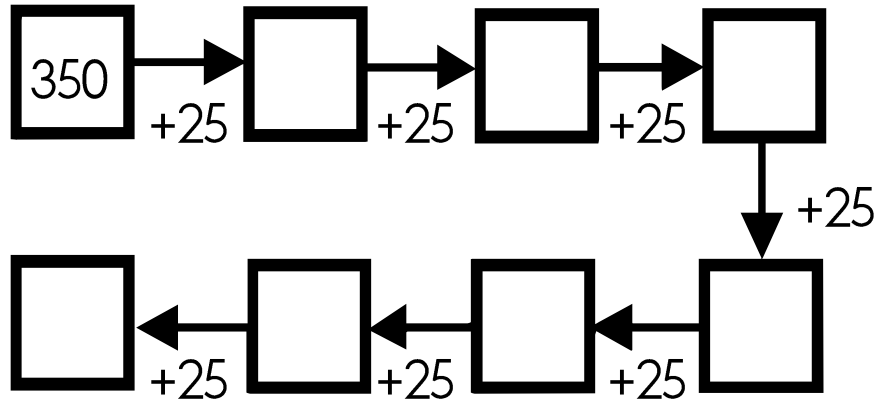
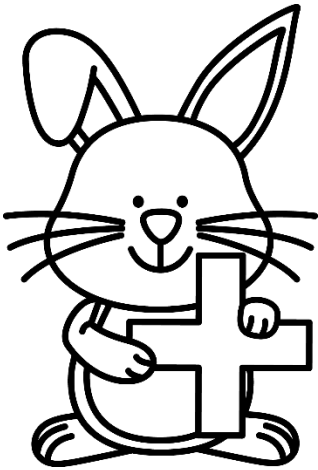
3. What pattern do you see at the 2 times row?

4. What pattern do you see at the 4 times row?



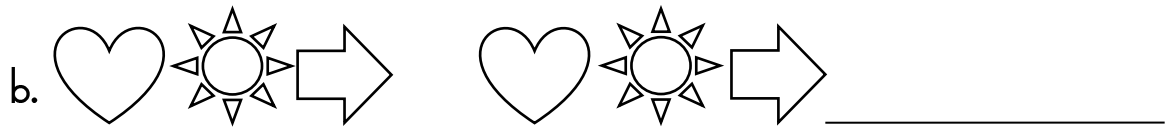
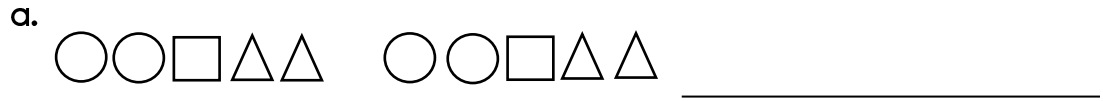
! COUNT !

Complete the diagrams by counting backward or forward.

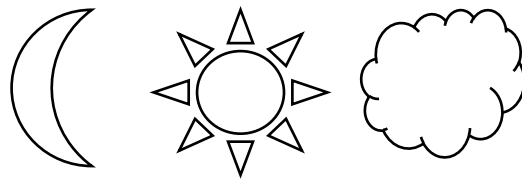


Fun with PATTERNS

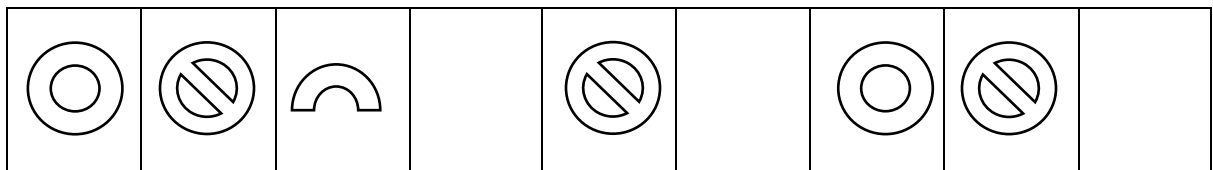
1. Expand the patterns by drawing one more set.



2. Draw your own pattern by using the 3 objects below. Your pattern must repeat 3 times

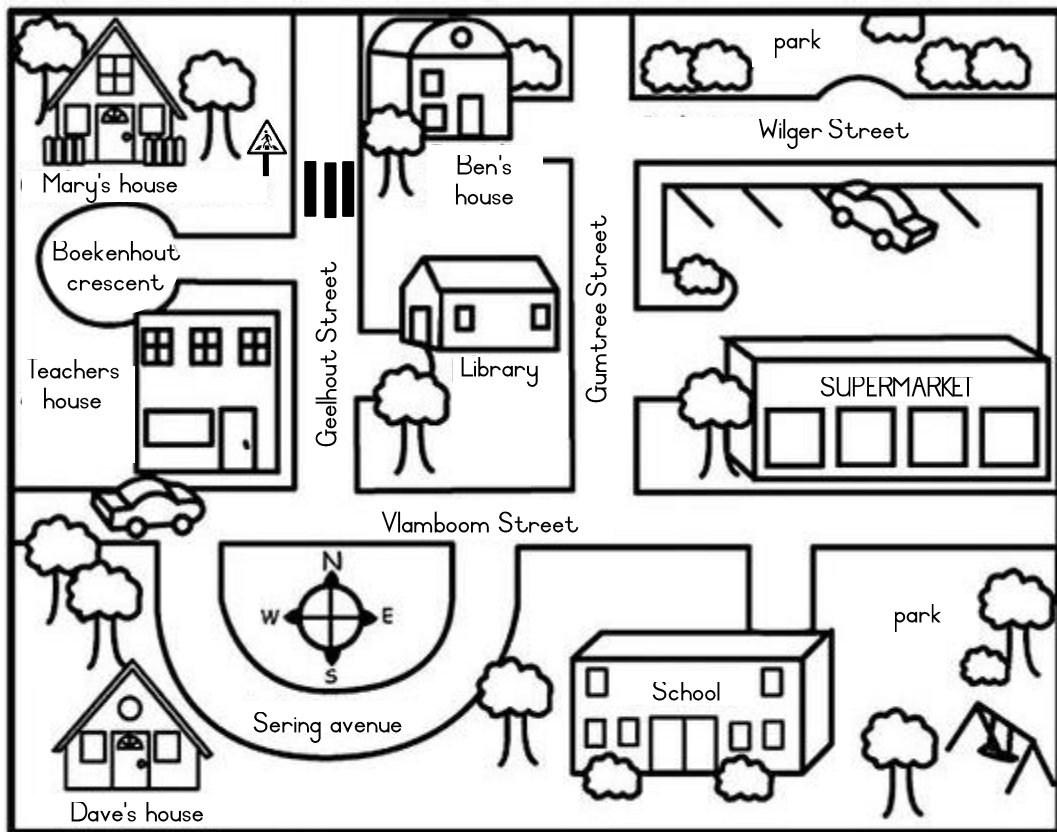


3. Complete the pattern.



MAPS

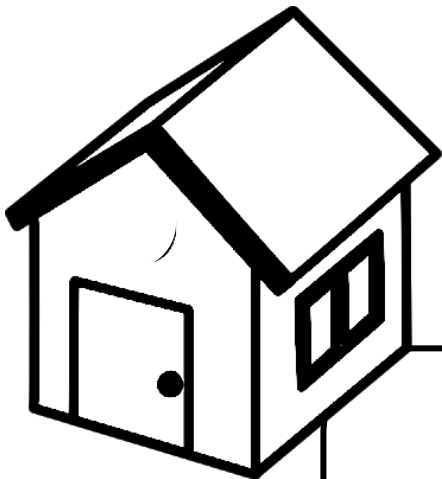
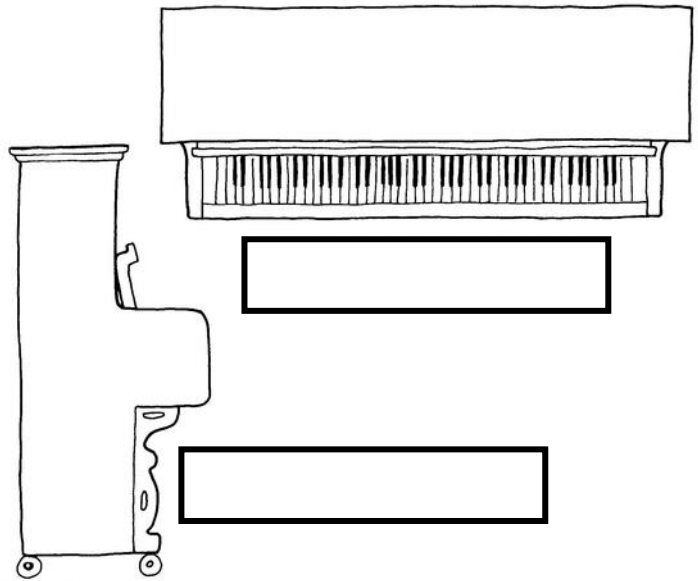
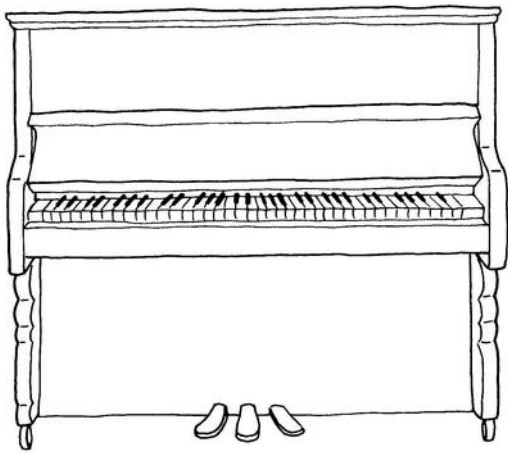
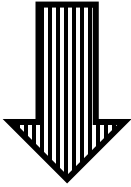
Look at the map of the city and then follow the instructions.



1. Colour the school orange.
2. Colour the supermarket yellow.
3. Colour the library blue.
4. Colour Mary's house red.
5. Colour the two parks green.
6. Colour Dave's house purple.

VIEWS

The front view of the piano is shown below. Name the top view and side view of the other two pictures in the blocks.



Draw the top view and side view of the house.

top view

side view

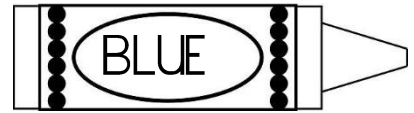
2D SHAPES

Colour the shapes:

square



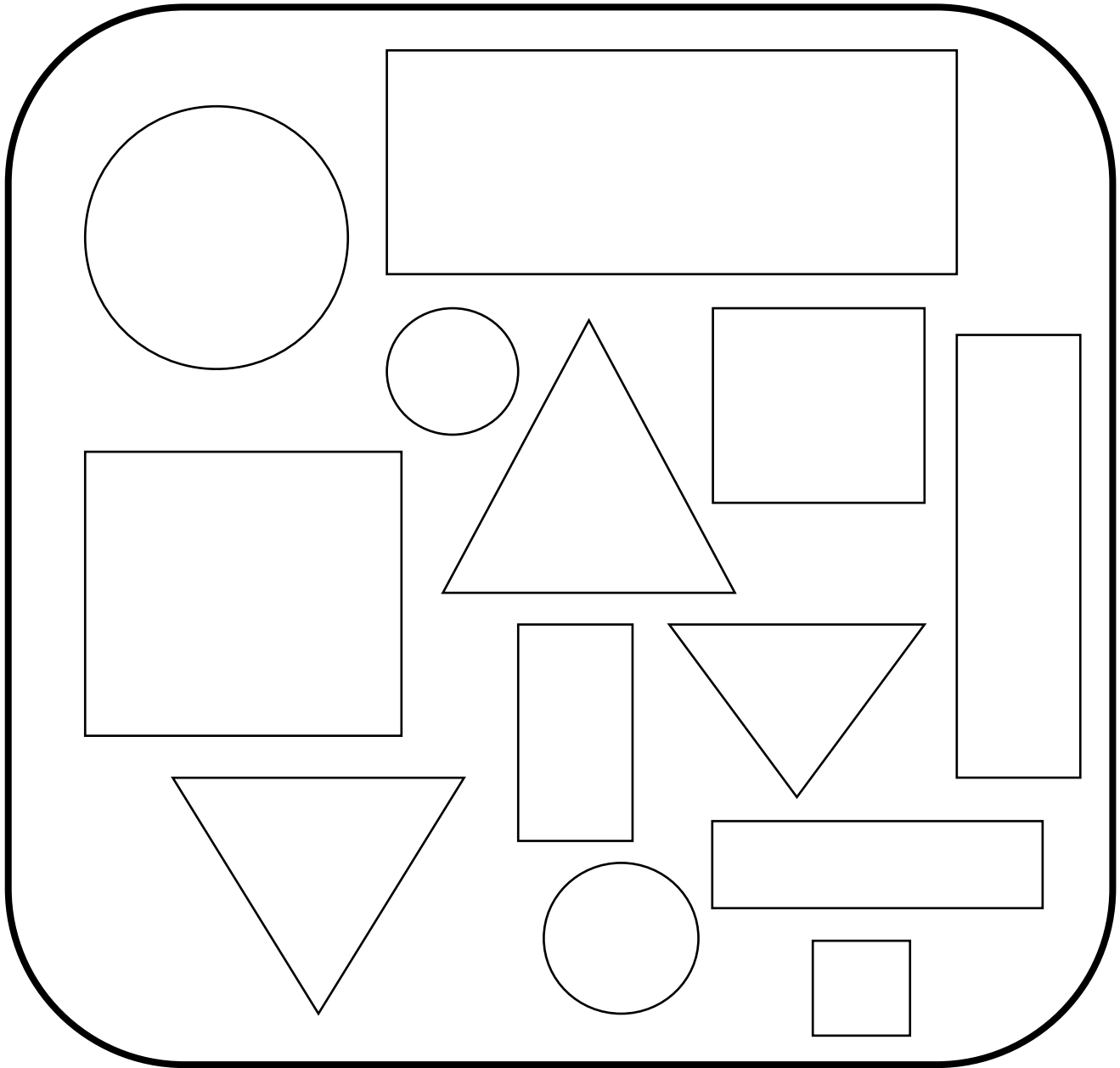
triangle



circle

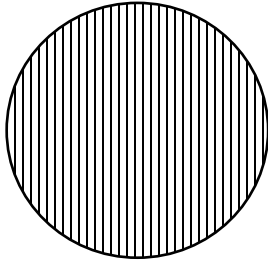


rectangle

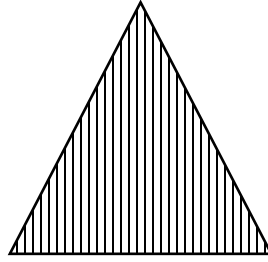


2D SHAPES

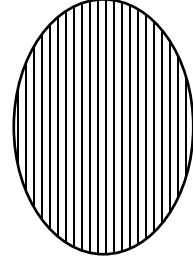
Does the following shapes have round or straight sides? Colour in the correct answer.



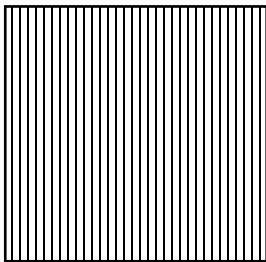
round
straight



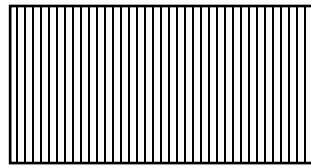
round
straight



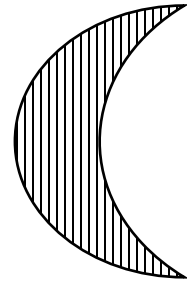
round
straight



round
straight




round
straight



round
straight


Draw the shapes in the blocks.



square

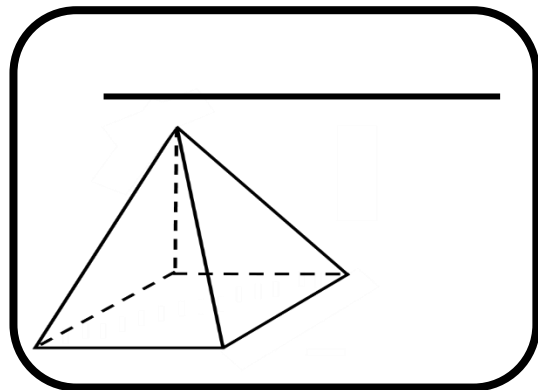
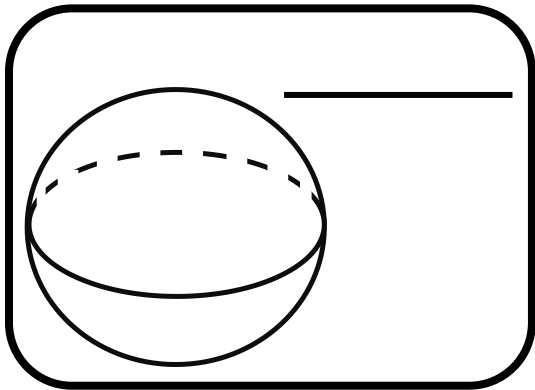
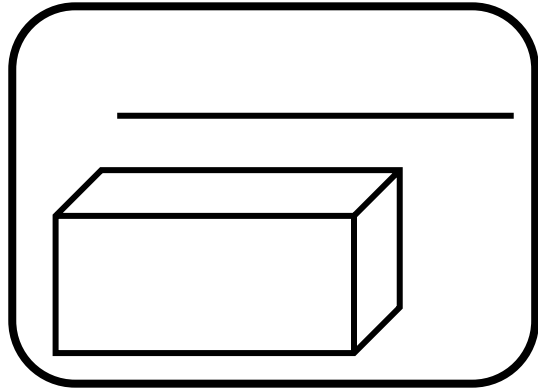
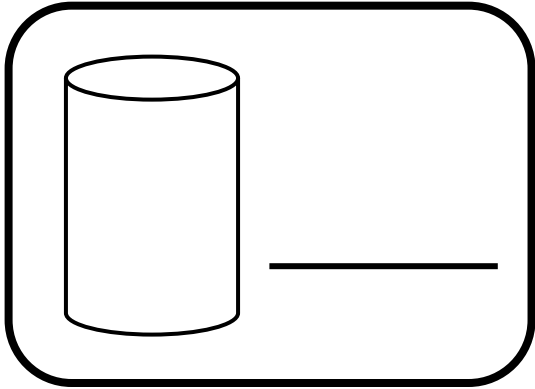
circle

triangle

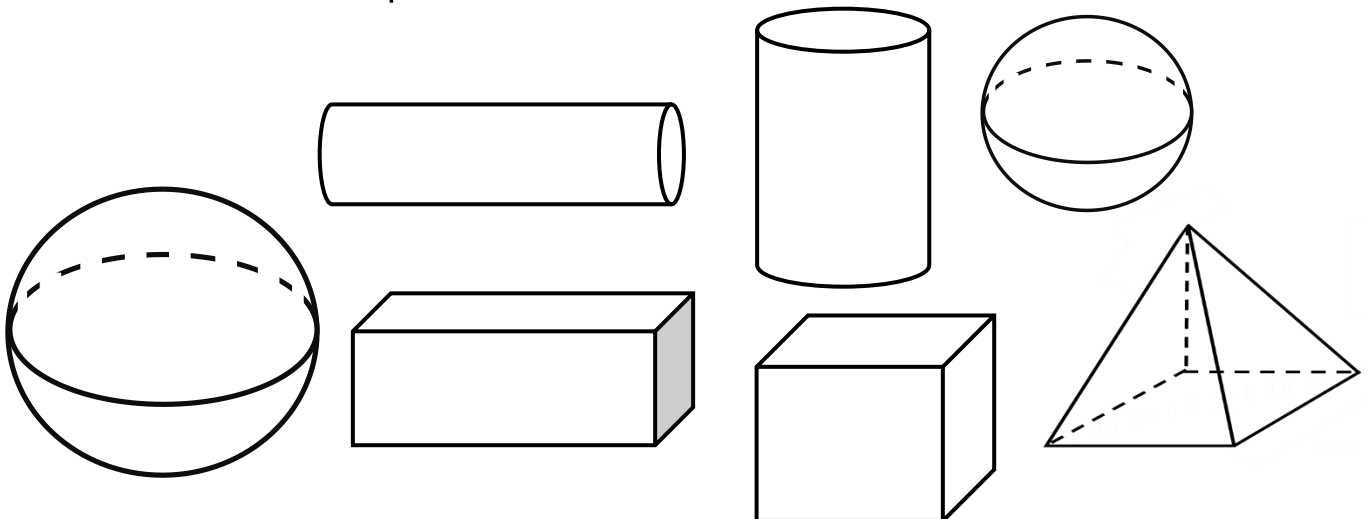


3D SHAPES

Write the names of the shapes.

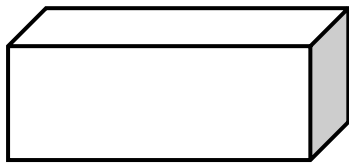


-
- Colour the shapes red that ROLL.
 - Colour the shapes blue that SLIDE.

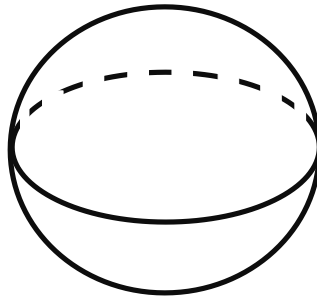


3D SHAPES

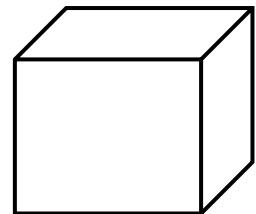
Does the following shapes have a curved or flat surfaces? Colour in the correct answer.



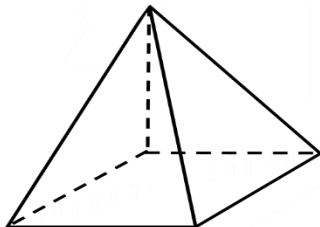
curved
flat



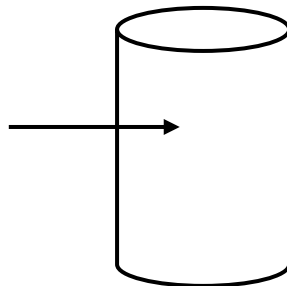
curved
flat



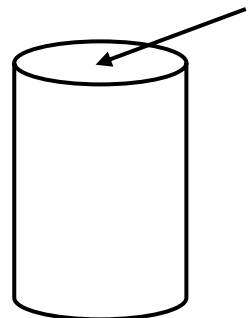
curved
flat



curved
flat

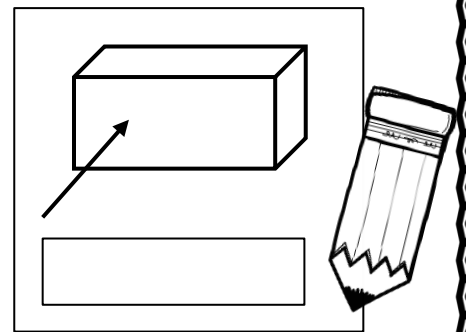
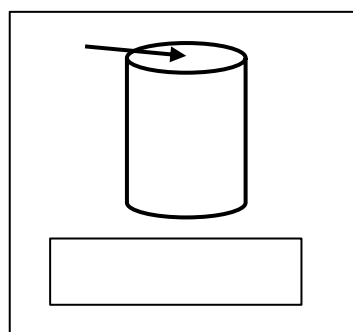
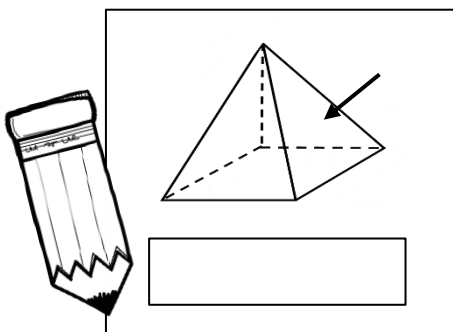


curved
flat

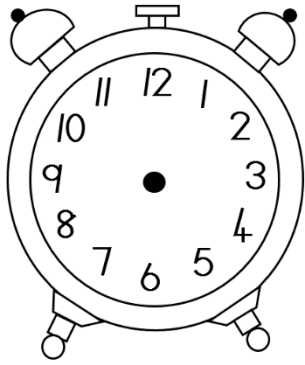


curved
flat

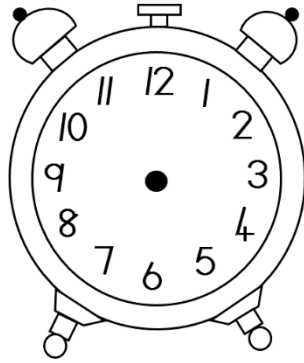
What is the shape of the flat sides of the object?



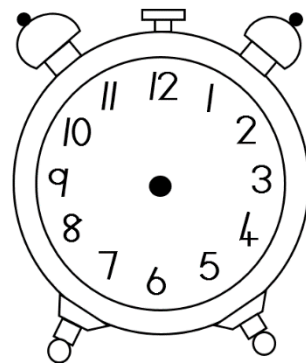
Draw my hands!



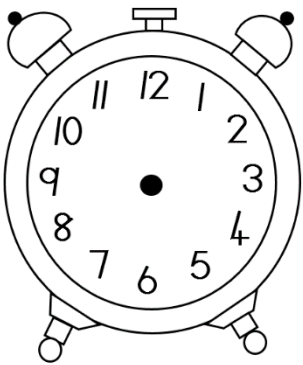
one o'clock



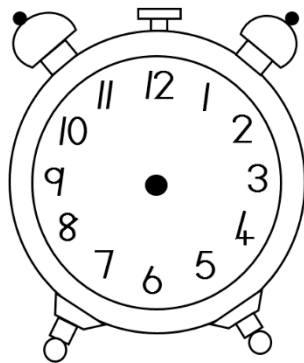
six o'clock



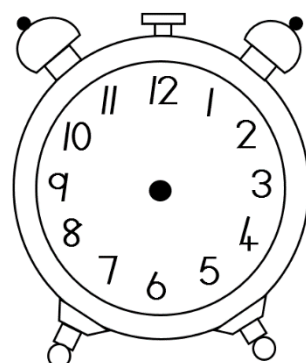
seven o'clock



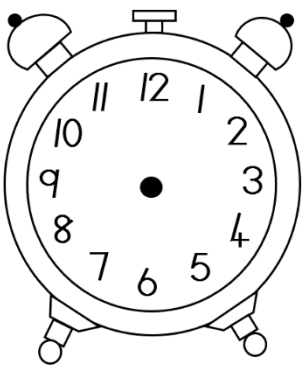
nine o'clock



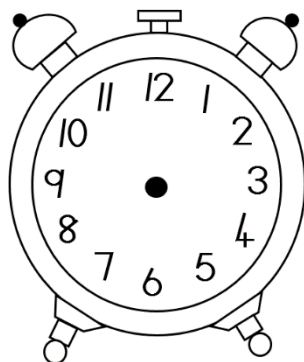
eleven o'clock



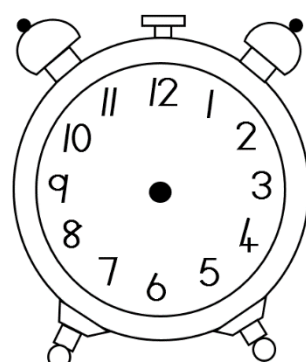
ten o'clock



two o'clock

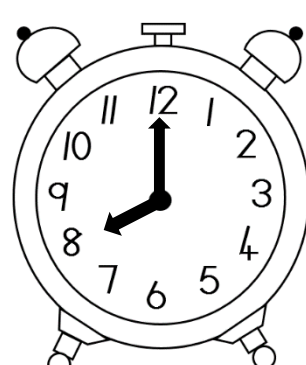
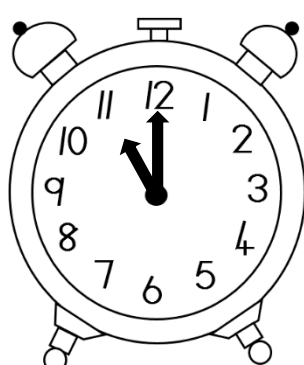
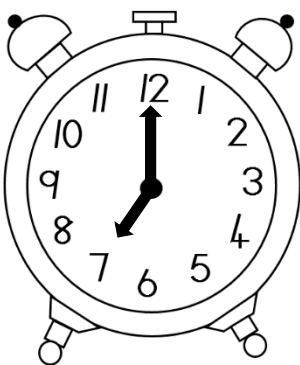
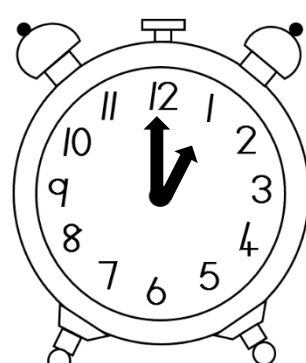
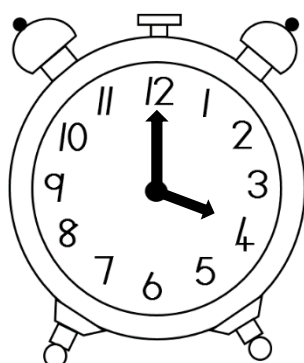
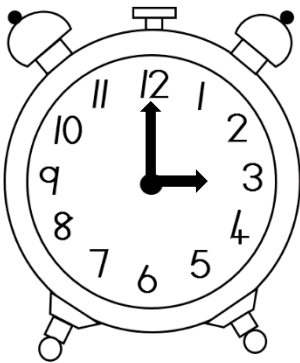
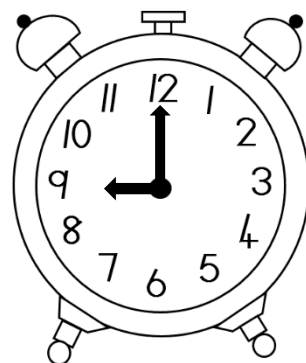
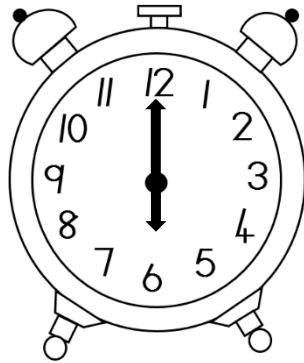
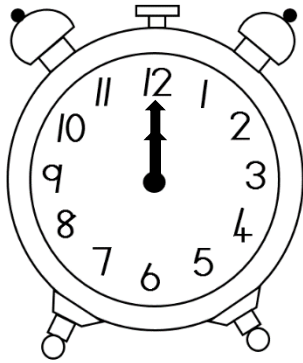


four o'clock

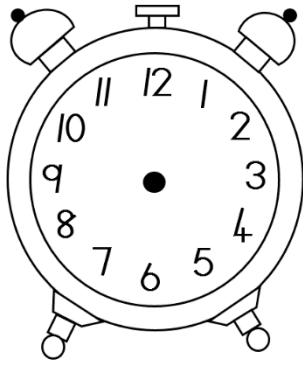


five o'clock

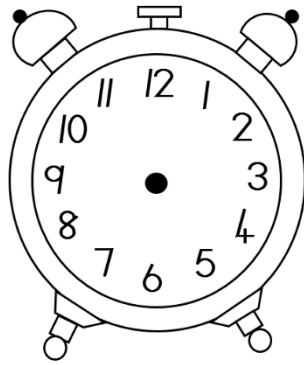
What is the time?



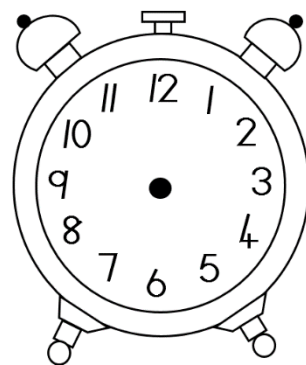
Draw my hands!



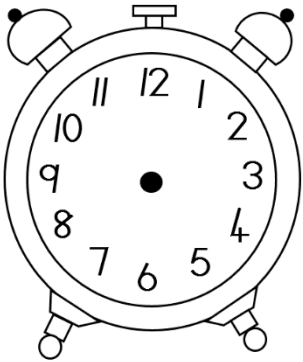
Half past three



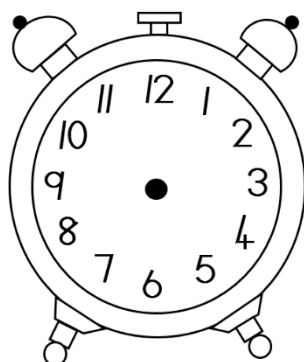
Half past eight



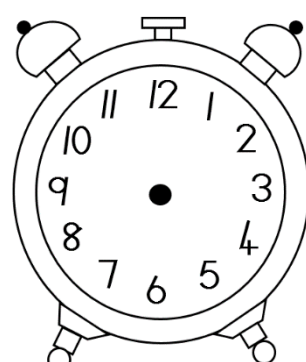
Half past nine



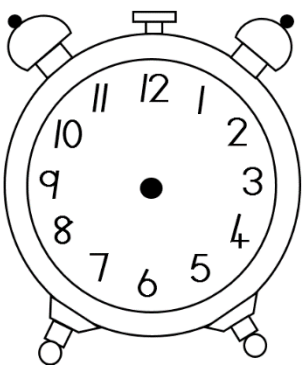
Half past four



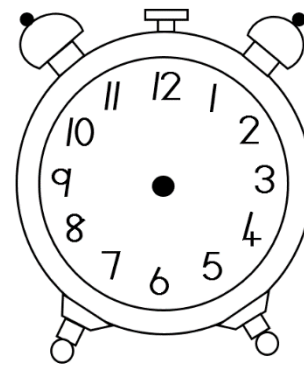
Half past two



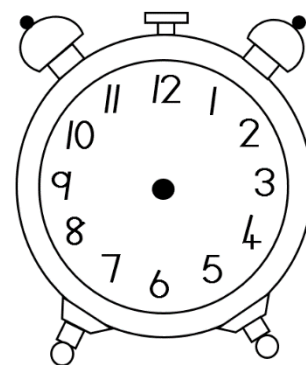
Half past seven



Half past one

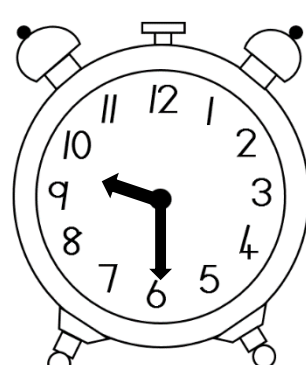
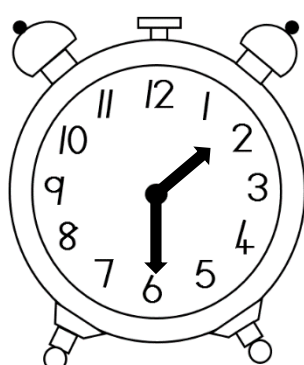
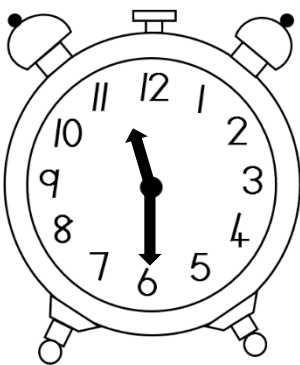
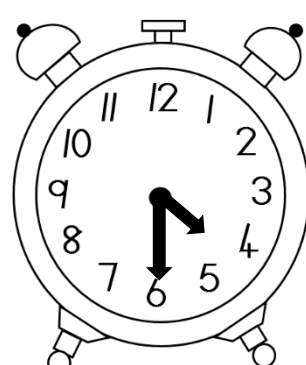
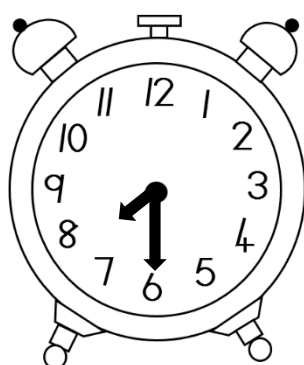
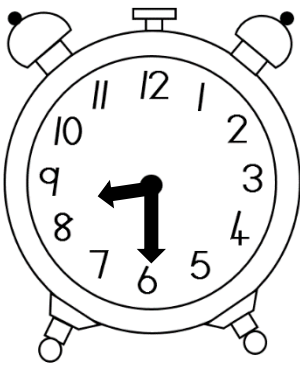
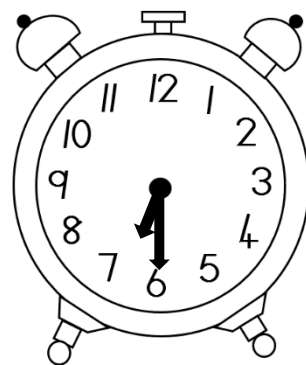
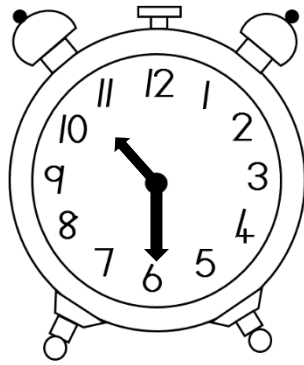
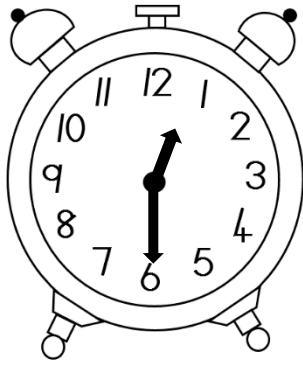


Half past six



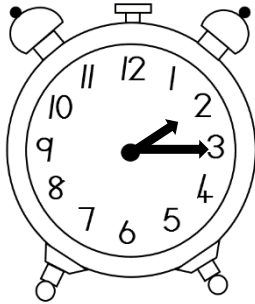
Half past eleven

What is the time?

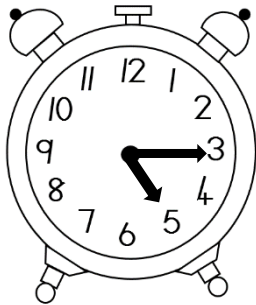


Match the time!

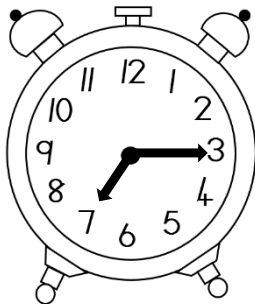
Draw a line from the clock to the correct time.



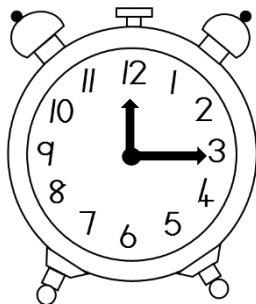
Quarter past eleven



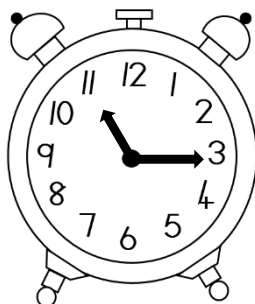
Quarter past seven



Quarter past twelve



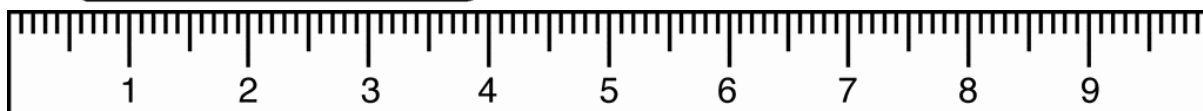
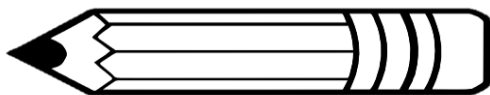
Quarter past two



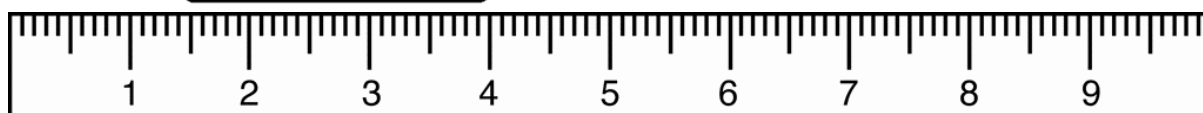
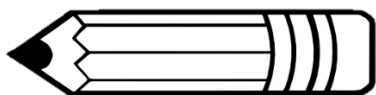
Quarter past five

LENGTH

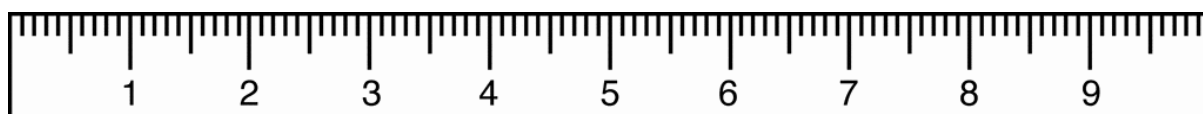
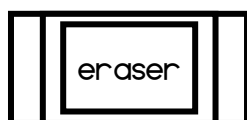
1. What is the length of the pencil in cm?



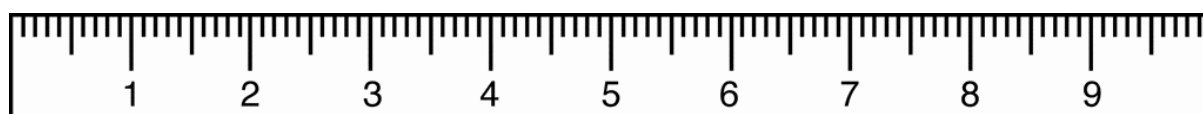
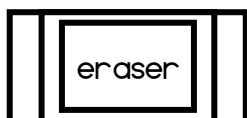
2. What is the length of the pencil in cm?



3. What is the length of the eraser in cm?

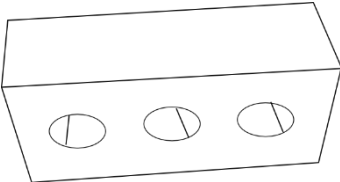


What is the length of the eraser in cm?



MASS

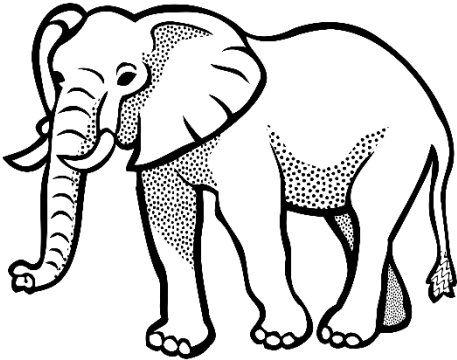
Look at the pictures and order them from the heaviest to the lightest in the table.



brick



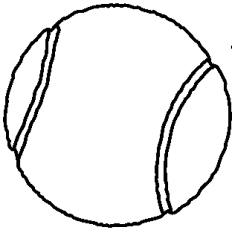
feather



elephant

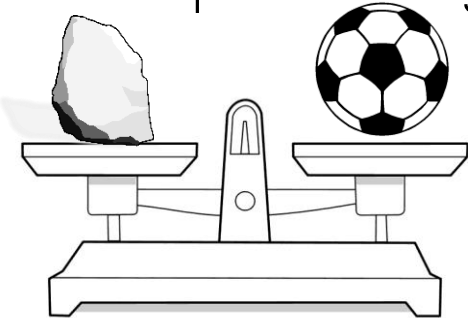


kernel



tennis ball

If we have a stone and a ball placed on a balance scale. To which side will it tip? Color the right answer.



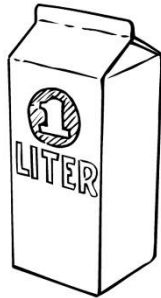
right
left

Volume

Arrange the volumes of the containers from the least to the most.



container 1



container 2



container 3



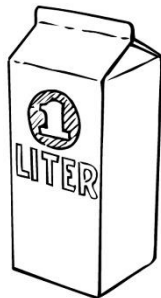
container 4

1. _____
2. _____
3. _____
4. _____

Arrange the volumes of the containers from the most to the least.



container 1



container 2























container 3



container 4

1. _____
2. _____
3. _____
4. _____

Bzzz !!!!!

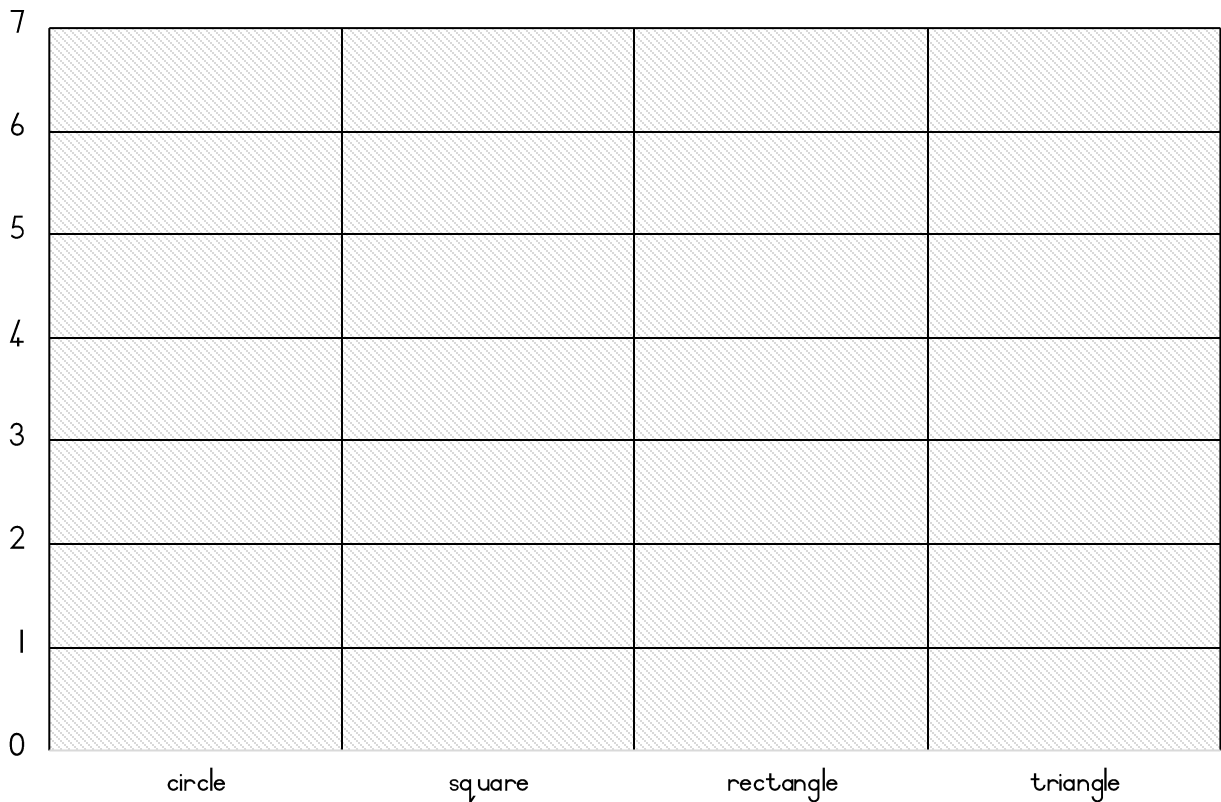
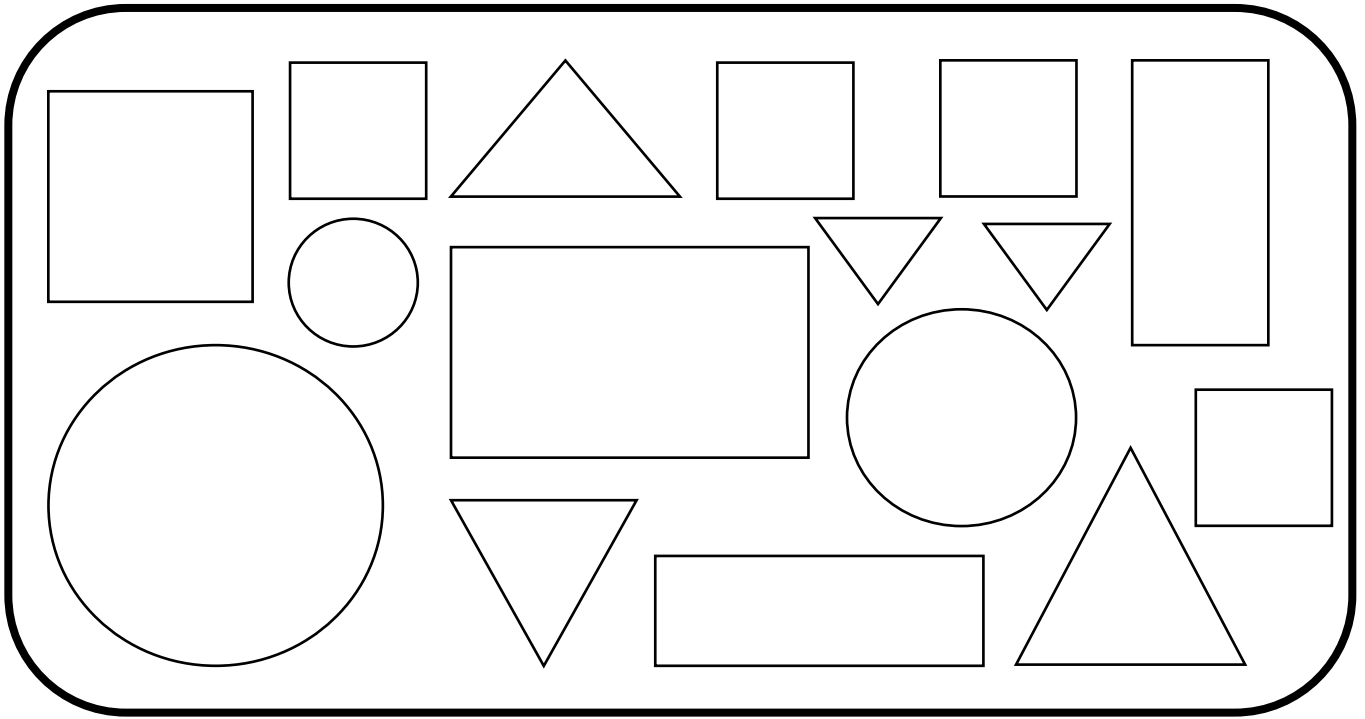
8					
7					
6					
5					
4					
3					
2					
1					
	first	second	third	fourth	fifth

Answer the questions below:

- The 1st row has _____ bees.
- The 2nd row has _____ bees.
- The 3rd row has _____ bees.
- The 4th row has _____ bees.
- The 5th row has _____ bees.
- Which row has the **most** bees? _____
- Which row has the **least** bees? _____

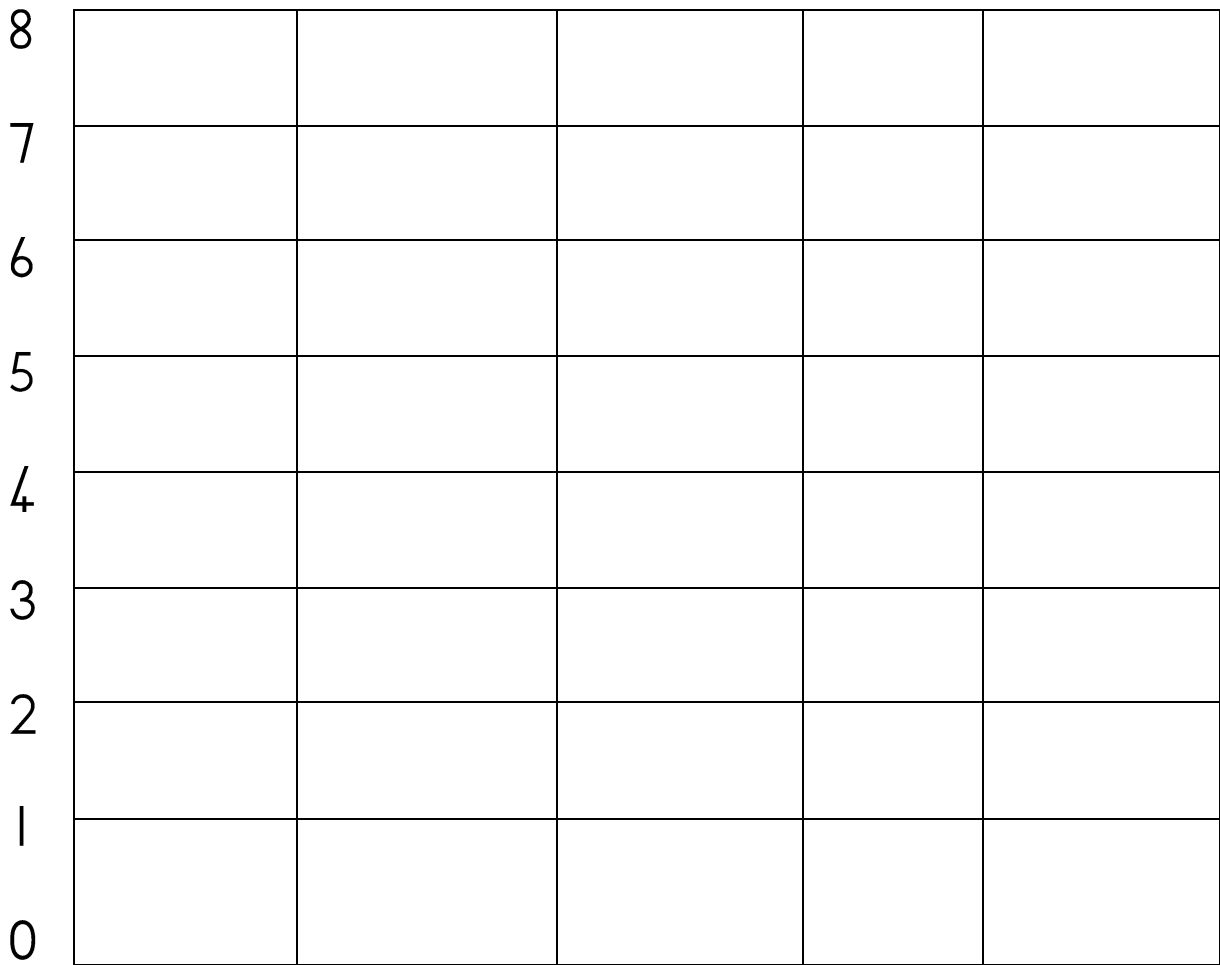
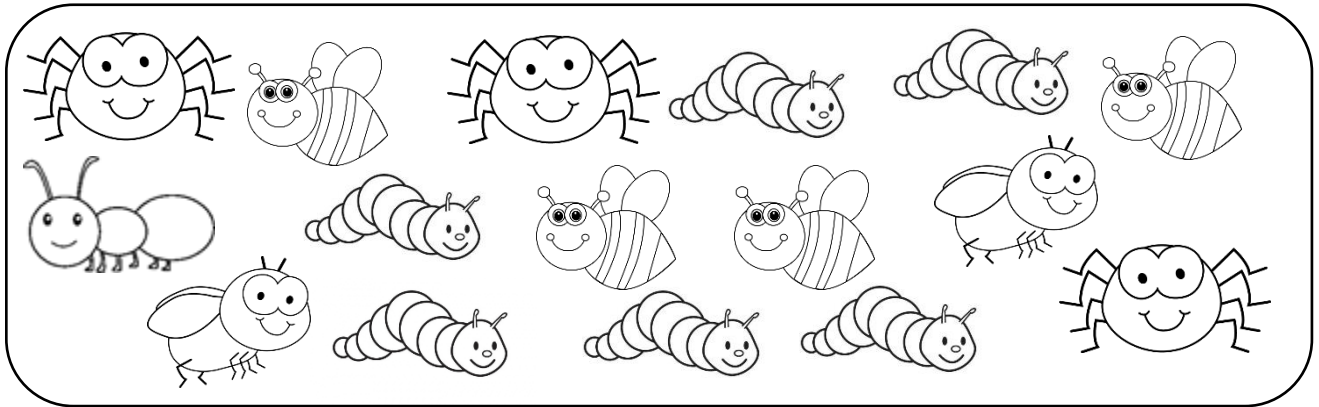
DATA

Count the shapes and colour in the blocks of the graph.



Data with insects

Count all the different types of insects and complete the graph.



bee

ant

worm

fly

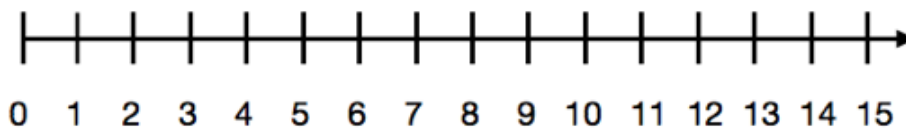
spider

Word problems

Mother packs 66 cookies in 6 bags. How many cookies are in each bag?

A vegetable garden has 10 rows of plants. Each row has 7 plants. How many plants are there?

Samuel has 3 sweets. David has 3 times more sweets than Samuel. How many sweets does David have? Use the number line to show your answer.



Ben is 12 years old. His mother is 34 years older than him. How old is his mother?