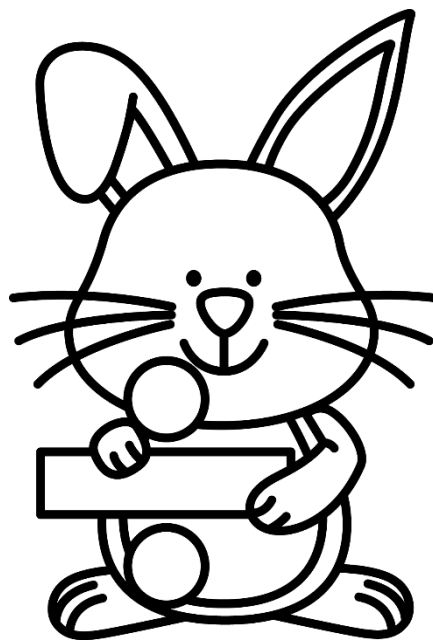# GRADE 2 MATHEMATICS

Term 3
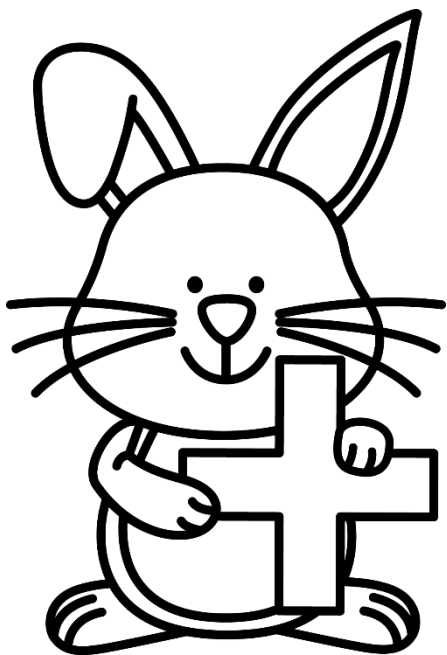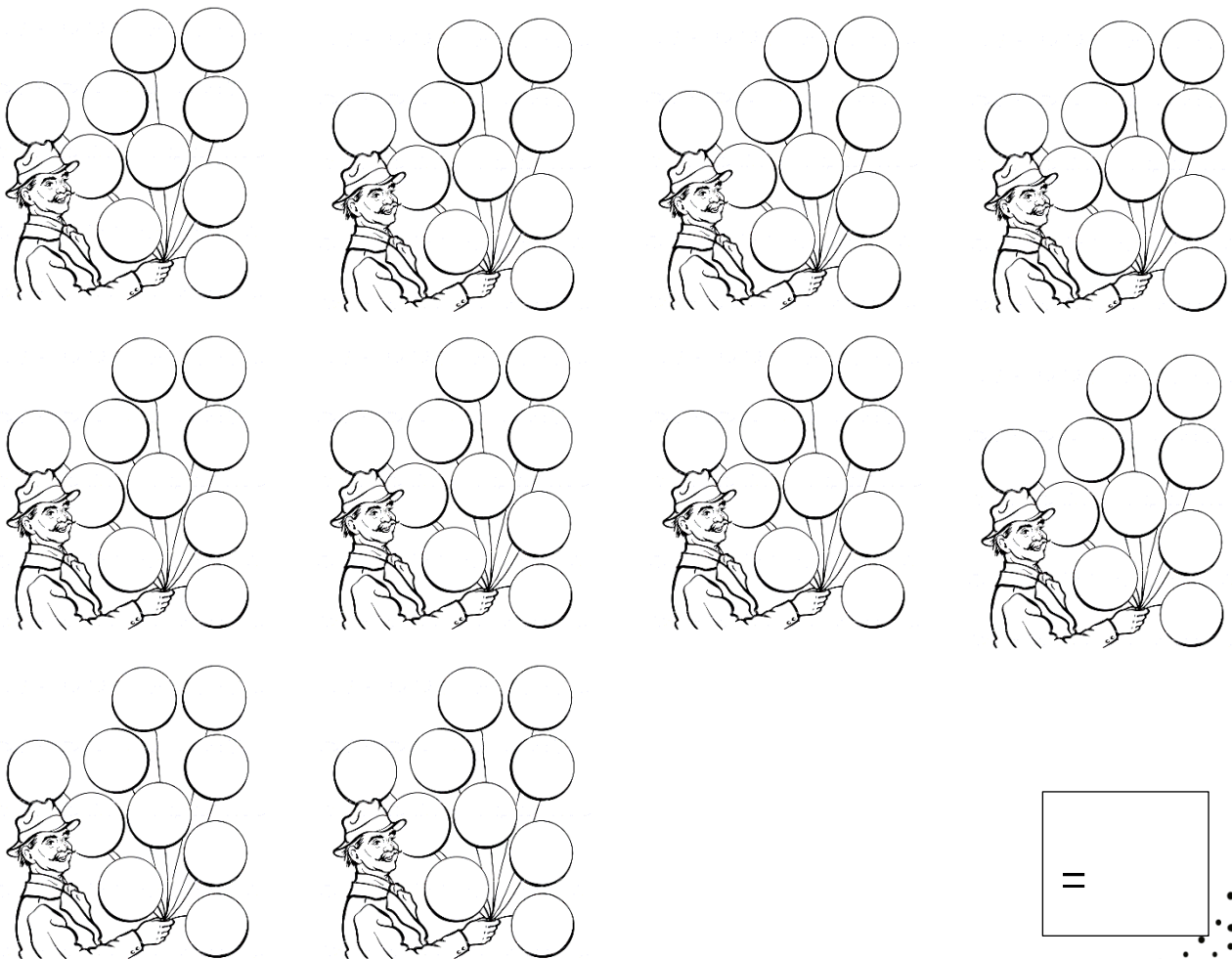
Name:

Counting

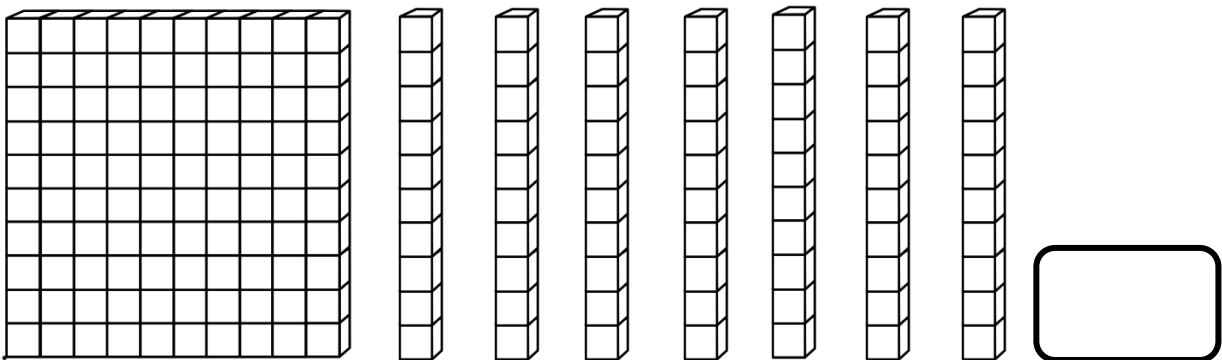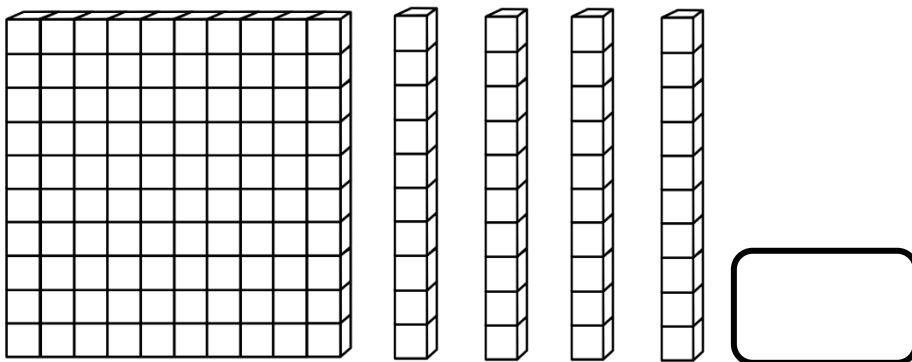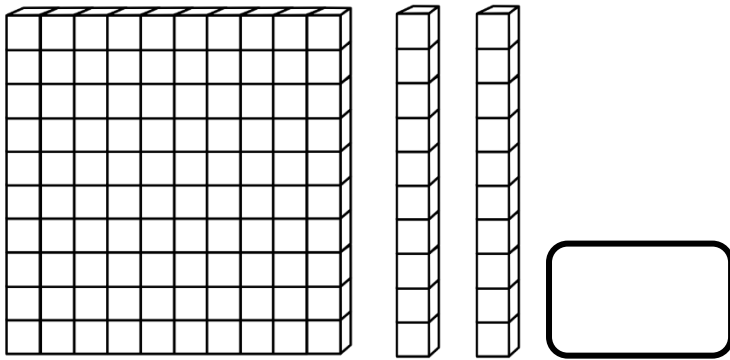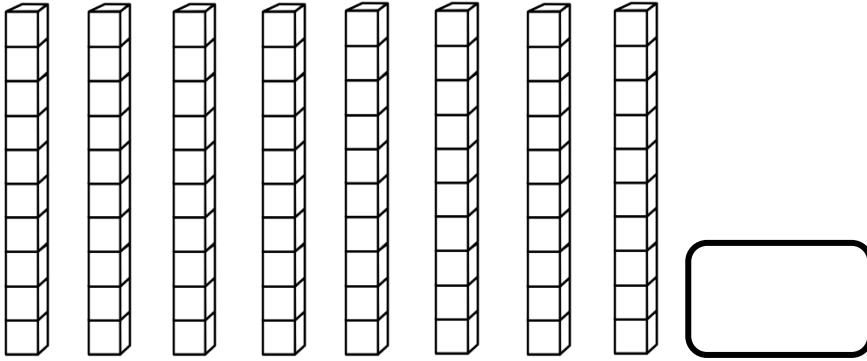Count the objects and write your answer in the block.

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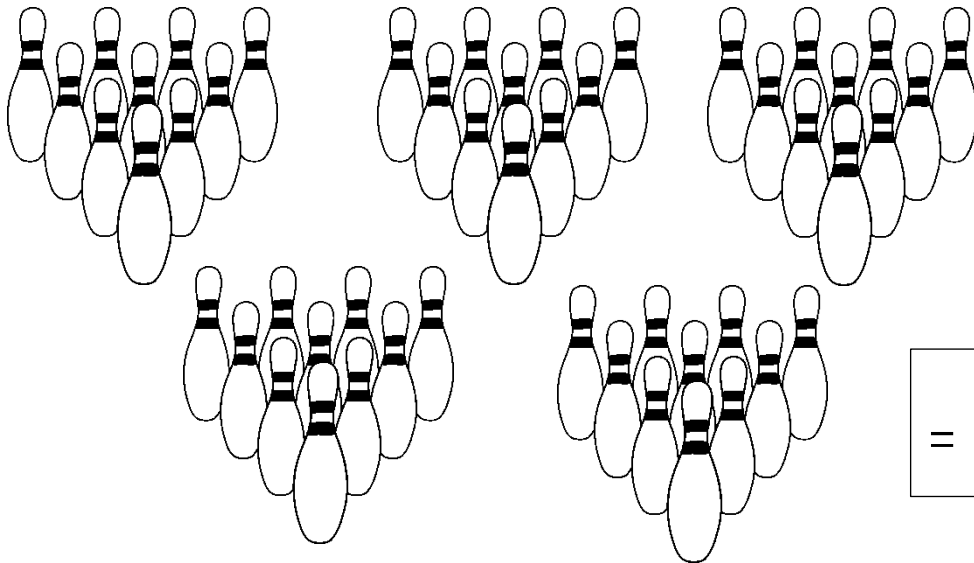
Count how many balloons the man is holding. Count in groups to help you. Write your answer in the block.

=

Counting

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

Complete the table

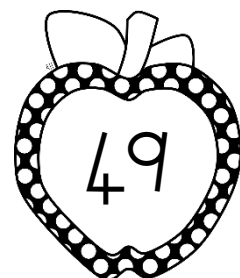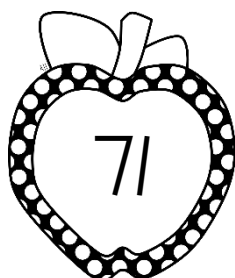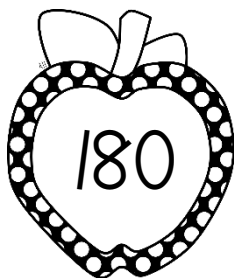| Number name	Number symbol
Seventy two	
	122
Fifty five	
	145
	102
Sixty three	

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

Seventy one	One hundred and twenty two	Forty nine	One hundred and eighty

180   71   122   49

Double and half

Double the following numbers.

12

_____

50

_____

15

_____

30

_____

24

Divide the numbers in half.

20	88

22	50

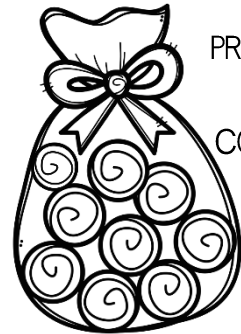| 40	100

PREDICT

Predict how many sweets there are in each bag.
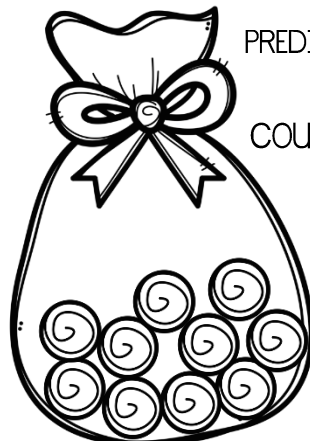
PREDICT ☐
COUNT ☐

PREDICT ☐
COUNT ☐
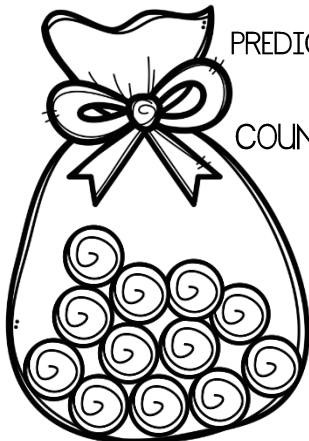
PREDICT ☐
COUNT ☐
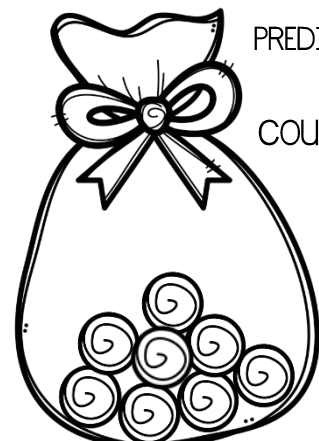
PREDICT ☐
COUNT ☐

PREDICT ☐
COUNT ☐

Count backward and forward

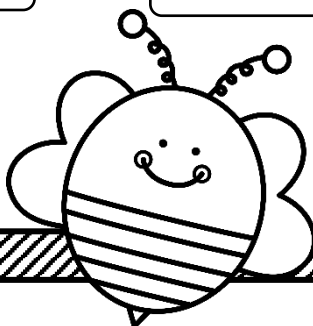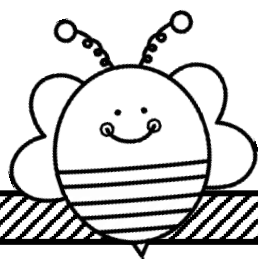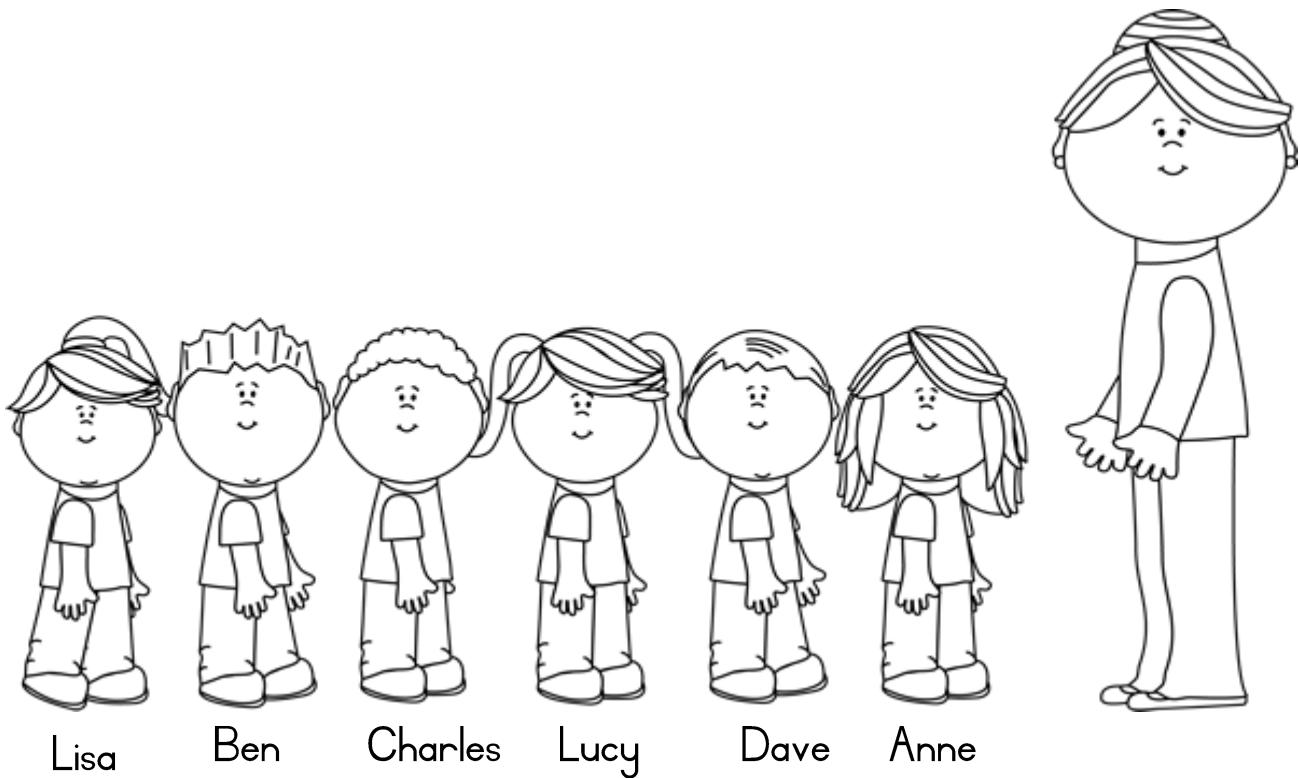|			
180	2	52	130
170	12	54	133
	22		136
130		62	
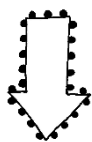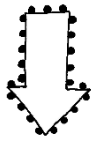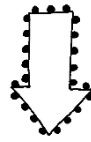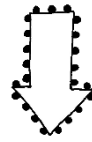
Answer the following questions about the students standing in the line. Start with the teacher as the starting point.

Lisa   Ben   Charles   Lucy   Dave   Anne

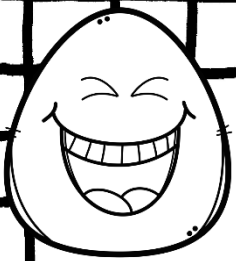1.4.1. Who is first in line? _____

1.4.2. Who is second in line? _____
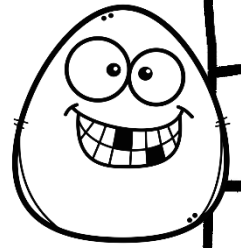
1.4.3. Where is Charles in the line? _____

1.4.4. Who is last in the line? _____

1.4.5. How many children are there in the line? _____

1.4.6. Colour the fifth student in the line yellow.

Comparing whole numbers

Fill in your own numbers.

☐ is 1 more than ☐	☐ is 1 less than ☐
☐ is 10 more than ☐	☐ is 10 less than ☐
☐ is 2 more than ☐	☐ is 2 less than ☐
☐ is 3 more than ☐	☐ is 3 less than ☐

Colour the correct answer.

141 is _____ 114

| greater than |
| less than |
| equal to |

118 is _____ 181

| greater than |
| less than |
| equal to |

89 is _____ 89

| greater than |
| less than |
| equal to |

101 is _____ 110

| greater than |
| less than |
| equal to |

123 is _____ 123

| greater than |
| less than |
| equal to |

75 is _____ 57

| greater than |
| less than |
| equal to |
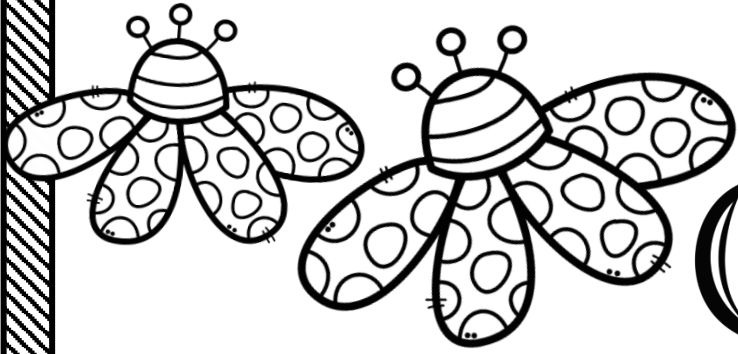
Expanded notation

Write the numbers in expanded notation.

75 (=) ( ) + ( )	43 (=) ( ) + ( )
36 (=) ( ) + ( )	51 (=) ( ) + ( )
28 (=) ( ) + ( )	11 (=) ( ) + ( )
56 (=) ( ) + ( )	76 (=) ( ) + ( )
72 (=) ( ) + ( )	50 (=) ( ) + ( )
43 (=) ( ) + ( )	23 (=) ( ) + ( )
60 (=) ( ) + ( )	56 (=) ( ) + ( )
39 (=) ( ) + ( )	67 (=) ( ) + ( )
21 (=) ( ) + ( )	30 (=) ( ) + ( )

Place value

Write the place value of the underlined numbers.

4̲8

76̲

3̲2

5̲6

32̲

6̲1

GROUPS

<u>Groups of 2</u>
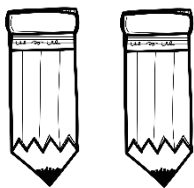
I group of 2 is ___
2 groups of 2 is ___
3 groups of 2 is ___
4 groups of 2 is ___
5 groups of 2 is ___

<u>Groups of 3</u>
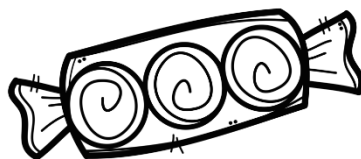
I group of 3 is ___
2 groups of 3 is ___
3 groups of 3 is ___
4 groups of 3 is ___
5 groups of 2 is ___

<u>Groups of 4</u>
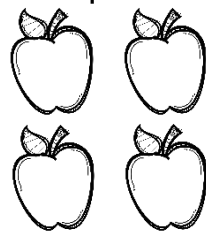
I group of 4 is ___
2 groups of 4 is ___
3 groups of 4 is ___
4 groups of 4 is ___
5 groups of 4 is ___

Look at the pictures.
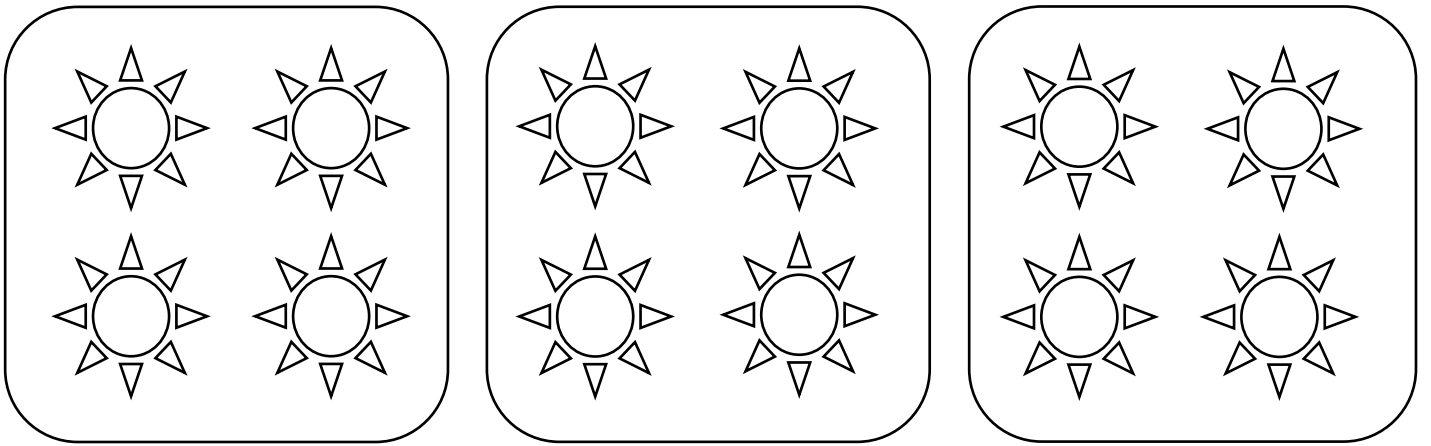
1. How many groups of suns do you count? _____

2. Does each group have the same amount of suns? ____

3. How many suns are in each group? _____

4. How many suns are there altogether? ____

5. Write a number sentence: _____ + ____ + ____ = ____

Divide 12 apples in 3 equal groups in the circles.
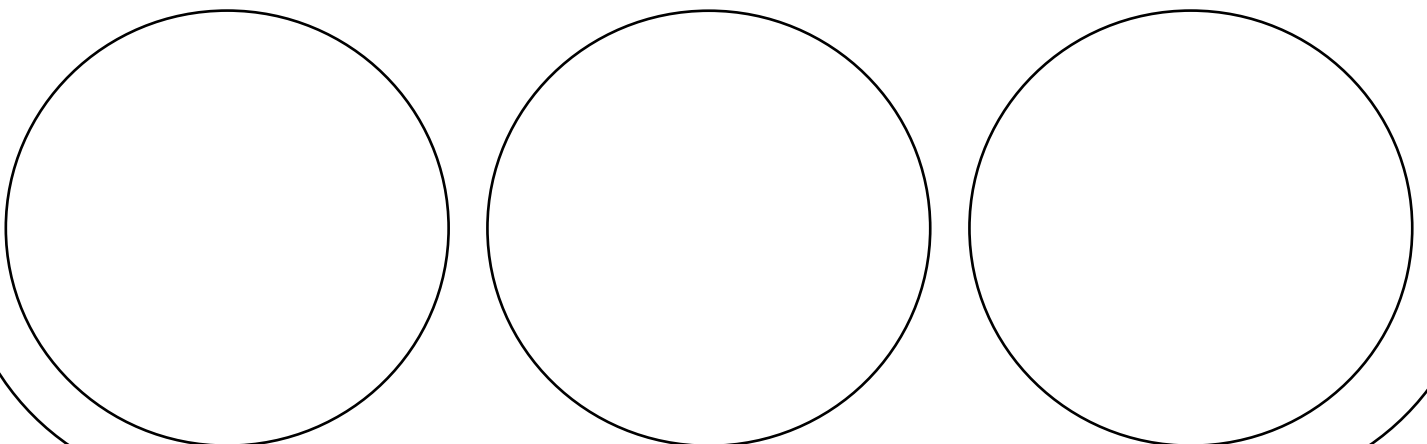
Look at the pictures.
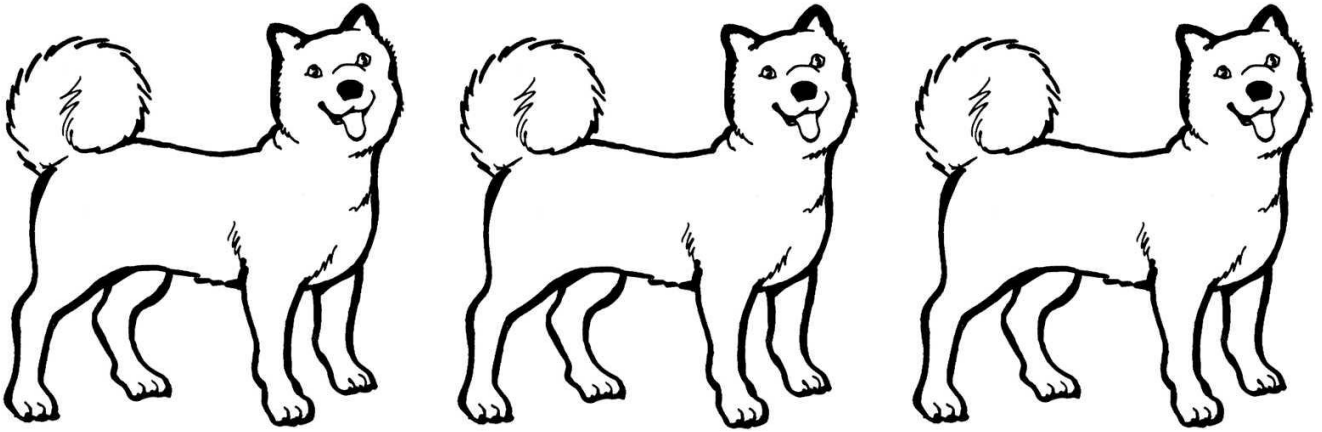
1. How many legs does each dog have? _____

2. How many legs does the dogs have altogether? _____

3. Write a number sentence: _____ + _____ + _____ = _____

Divide 16 cars in 4 groups.
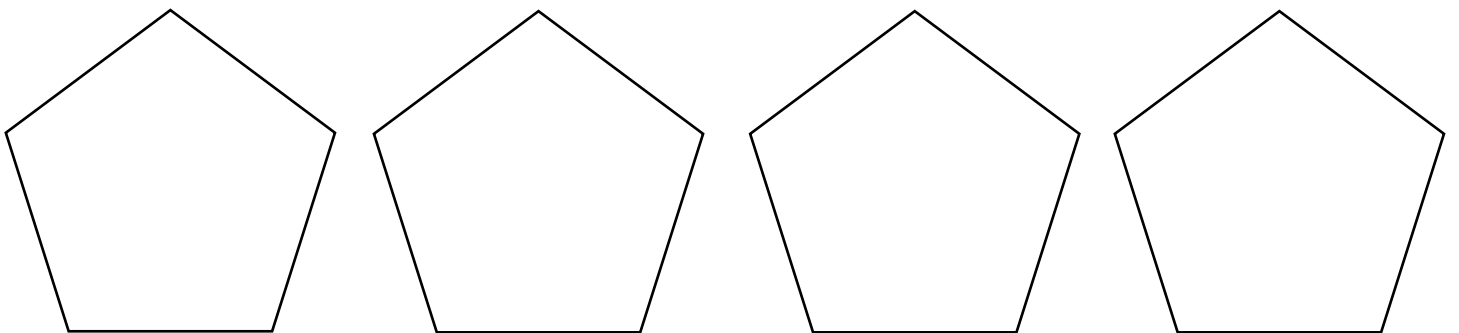
How many cars are in each group? _____
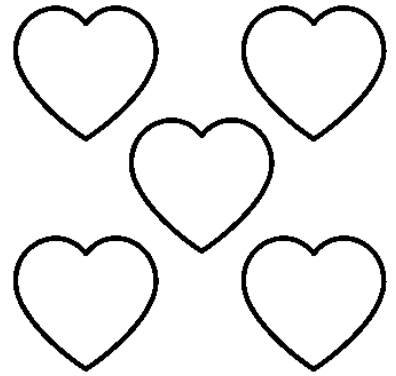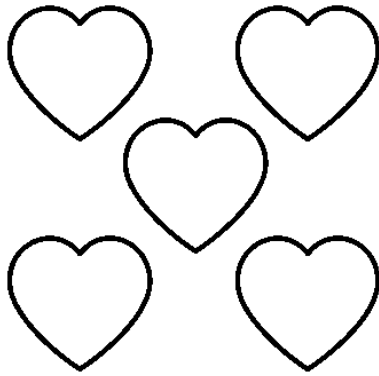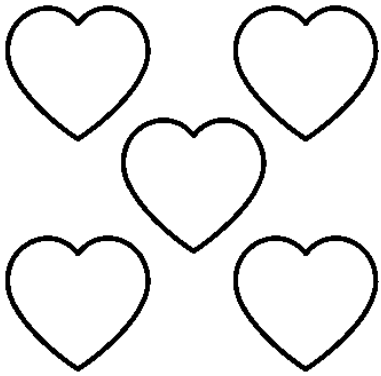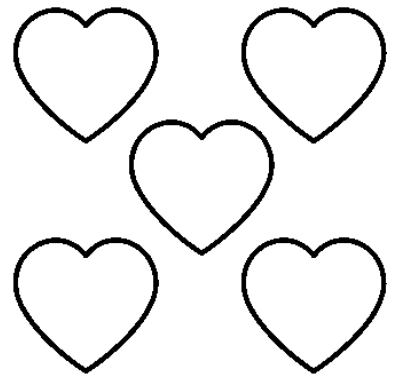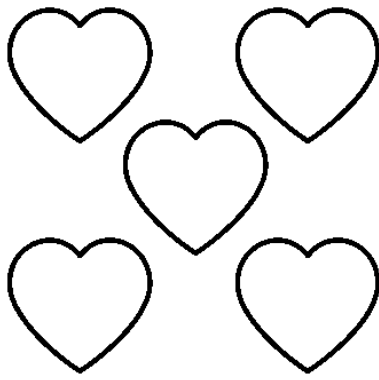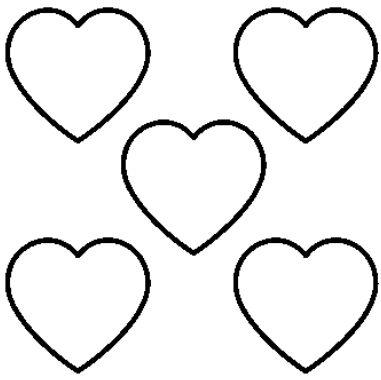
1. How many groups of 5 hearts are there? _____
2. Write a number sentence below:

_____
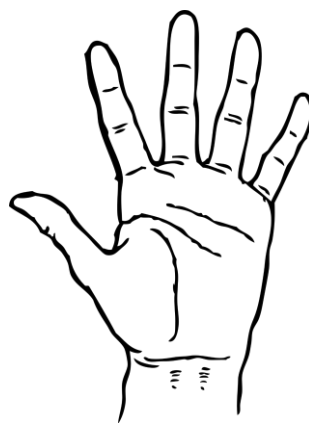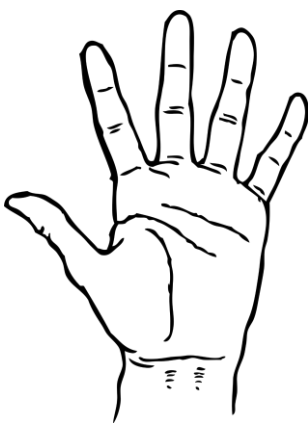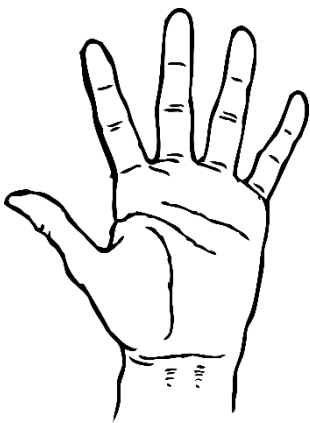
1. How many fingers are on each hand? _____
2. How many groups of 5 do you see? _____
3. Write a number sentence: _____ + _____ + _____ = _____
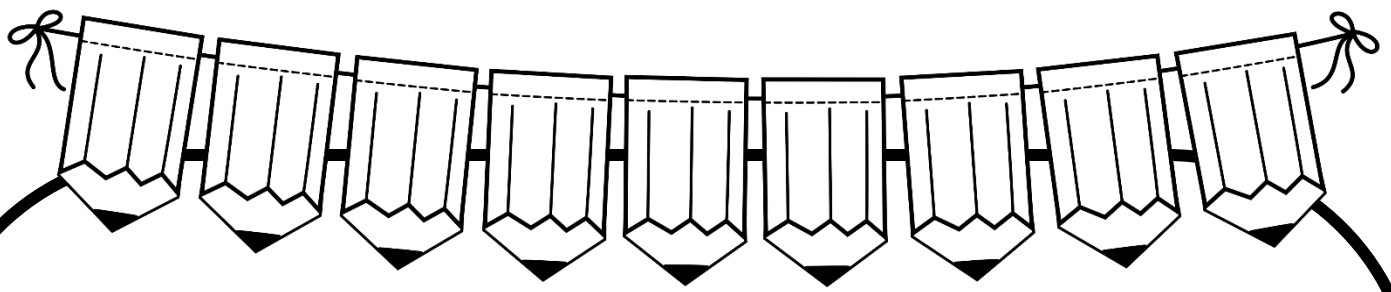
Fun with sums

Complete the blocks - Addition

13 = 10 + ☐	12 = 9 + ☐
10 + ☐ = 15	5 + ☐ = 11
6 + 6 = ☐	14 = ☐ + 7
18 + 3 = ☐	10 = 5 + ☐

Complete the blocks - Subtraction

15 - 3 = ☐	12 - 9 = ☐
10 - 0 = ☐	15 - ☐ = 10
12 - ☐ = 6	30 - 3 = ☐
60 - 10 = ☐	13 - ☐ = 8

Fun with sums

Adding two-digit numbers by breaking up both numbers

Example:

33 + 36= ☐

33 + 36 = (30 + 3) + (30 + 6)
         = (30 + 30) + (3 + 6)
         = 60 + 9
         = 69
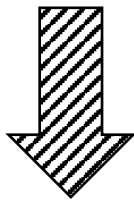
Adding by breaking up one number

Example:

33 + 36= ☐
33 + (30 + 6)
33 + 30   →   63 + 6 = 69

52 + 23

_____
_____
_____
_____
_____

25 + 14

_____
_____
_____
_____
_____
_____

45 + 33

_____
_____
_____
_____

52 + 23

_____
_____
_____
_____

25 + 14

_____
_____
_____
_____
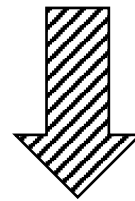
45 + 33

_____
_____
_____
_____

Fun with sums

Subtracting two-digit numbers by breaking up both numbers

Example:

75 – 54 = ☐
75 – 54 = (70 + 7) – (50 + 4)
        = (70 – 50) + (7 – 4)
        = 20 + 3
        = 23

Subtracting by breaking up one number

Example:

75 – 54 = ☐
75 – (50 + 4)
75 – 50   →   27 – 4 = 23

52 - 23

_____
_____
_____
_____
_____

25 - 14

_____
_____
_____
_____
_____
_____

45 - 33

_____
_____
_____
_____

52 - 23

_____
_____
_____
_____

25 - 14

_____
_____
_____
_____
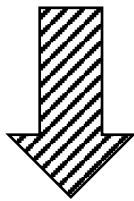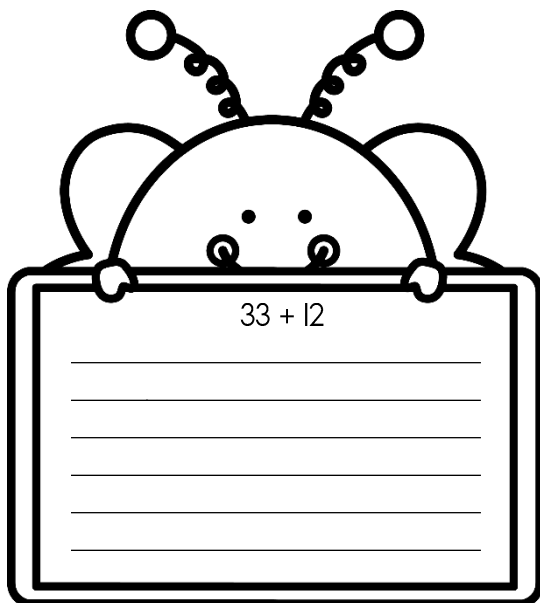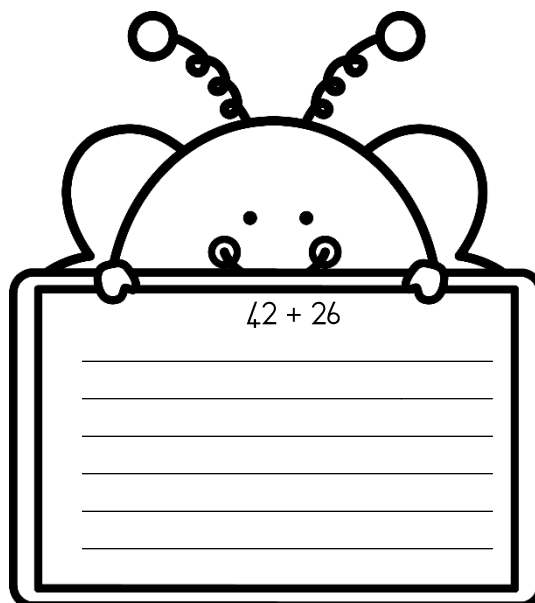
45 - 33

_____
_____
_____
_____

Fun with sums
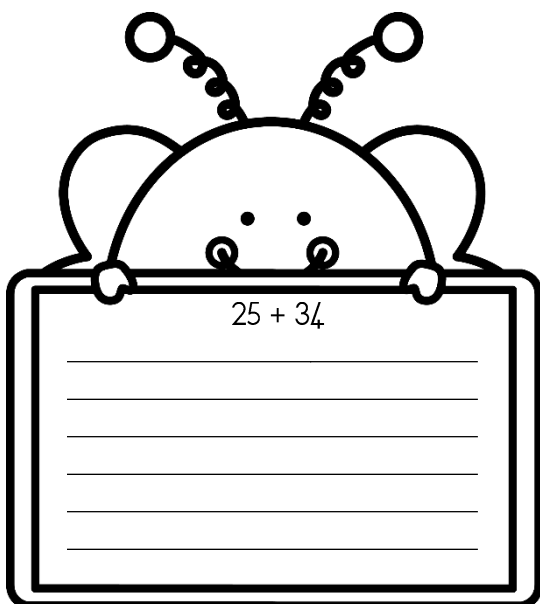
Help the bees to do the sums.
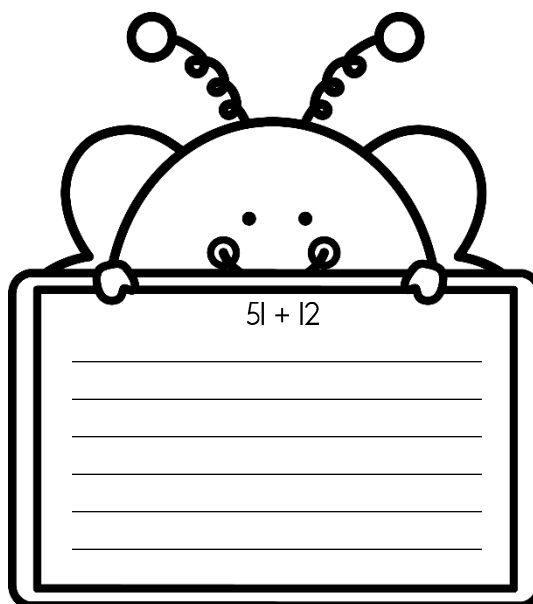
33 + 12
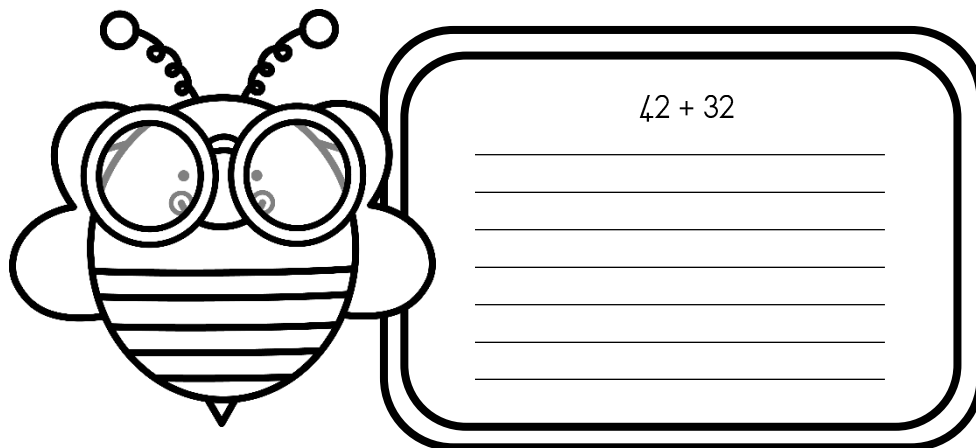
42 + 26

25 + 34

51 + 12

42 + 32
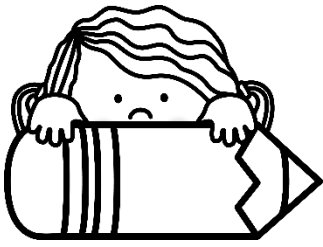
More and less

I less than 45 ____

I more than 69 ____

5 less than 36 ____

10 more than 30 ____

10 less than 70 ____

2 more than 28 ____

2 less than 40 ____

5 less than 45 ____

5 more than 25 ____

I less than 20 ____

I more than 29 ____

10 less than 100 ____

2 more than 88 ____

2 less than 38 ____

3 less than 50 ____

3 more than 37 ____

5 less than 25 ____

10 more than 10 ____

3 less than 43 ____

2 more than 28 ____

2 less than 22 ____

Fractions

Colour the fractions.
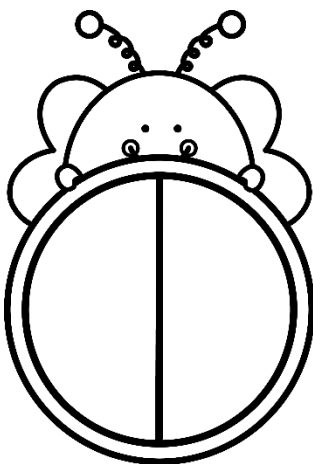
$\frac{1}{2}$
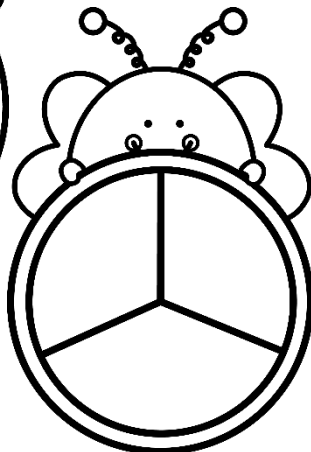
$\frac{2}{3}$
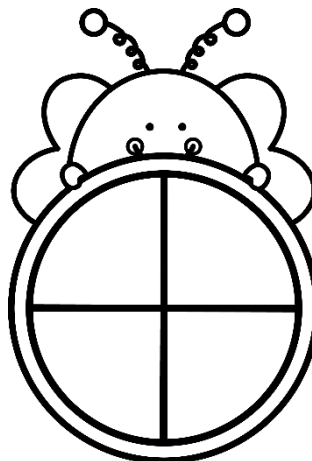
$\frac{1}{4}$
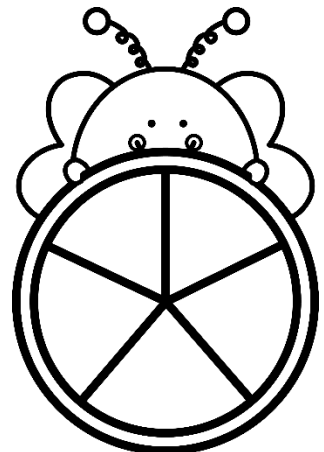
$\frac{3}{5}$

Draw my hands!
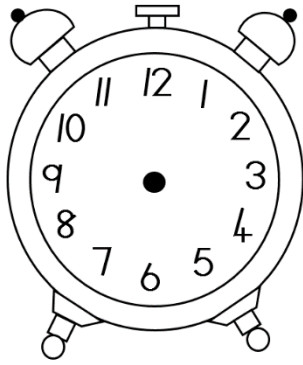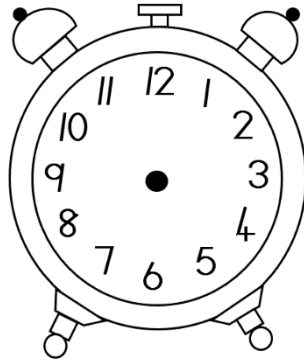
one o'clock	six o'clock	seven o'clock
nine o'clock	eleven o'clock	ten o'clock
two o'clock	four o'clock	five o'clock
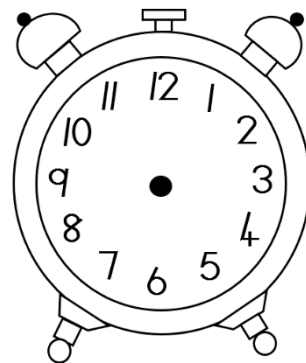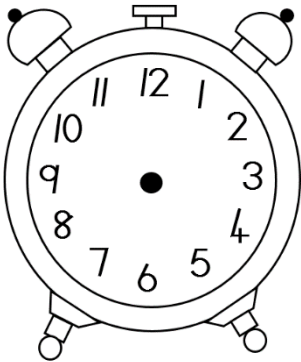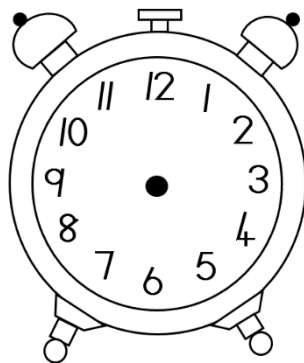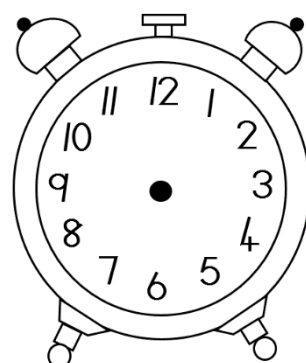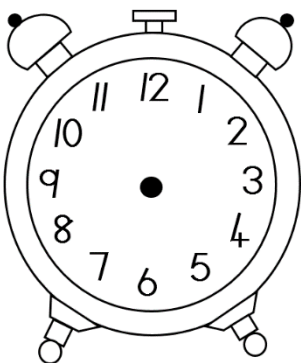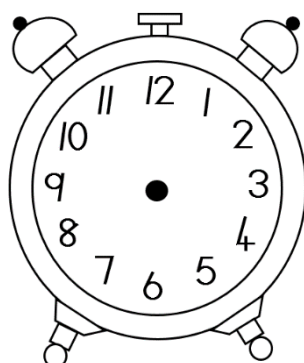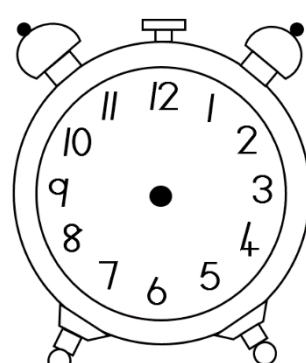
What is the time?
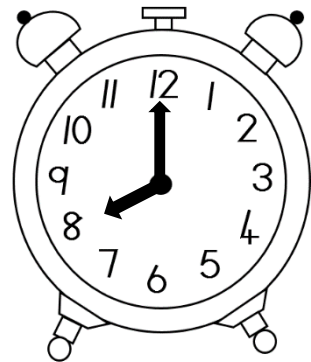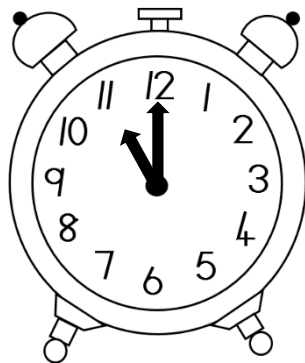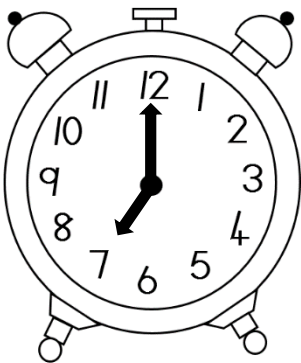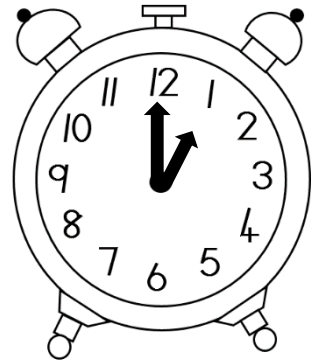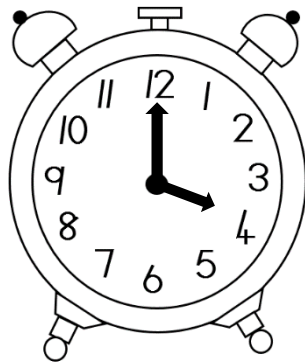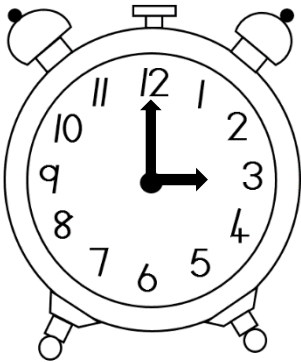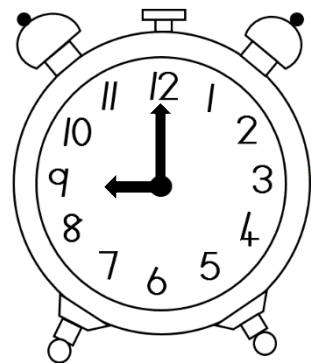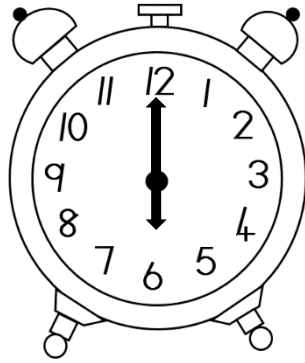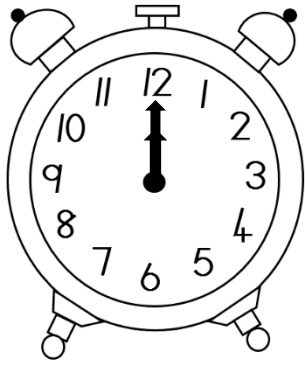
Draw my hands!
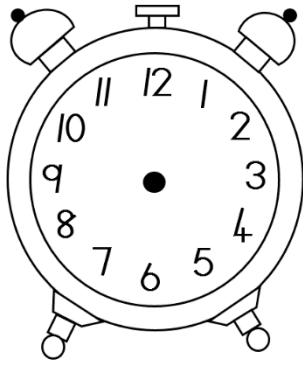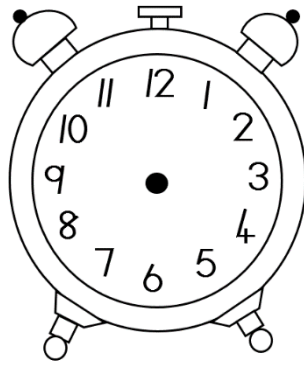
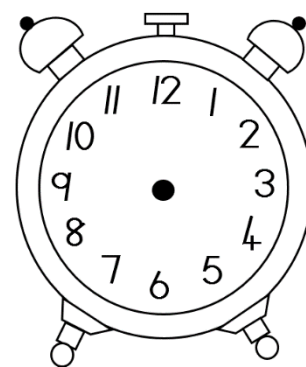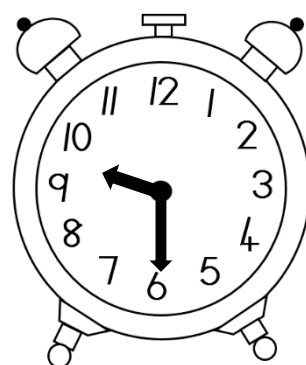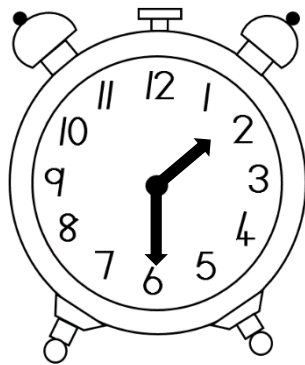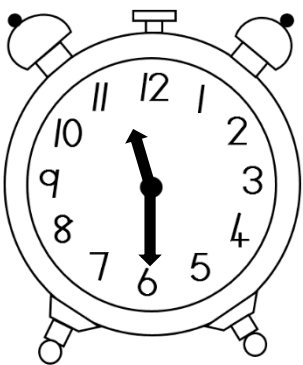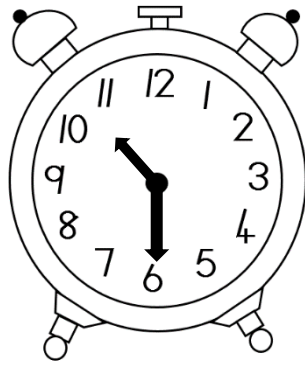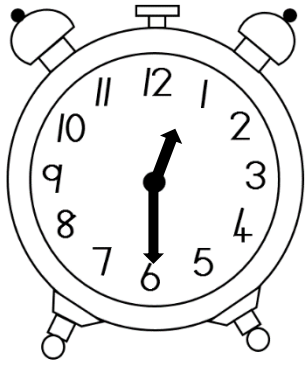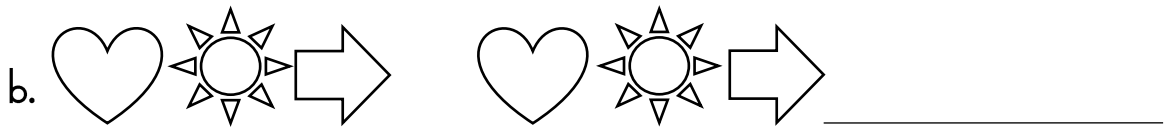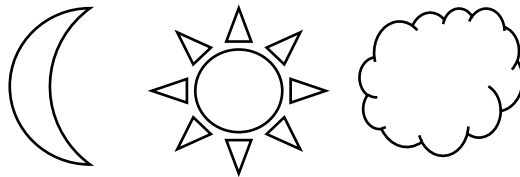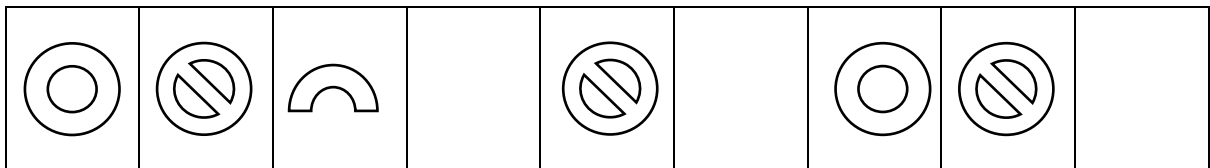|		
Half past three	Half past eight	Half past nine
Half past four	Half past two	Half past seven
Half past one	Half past six	Half past eleven
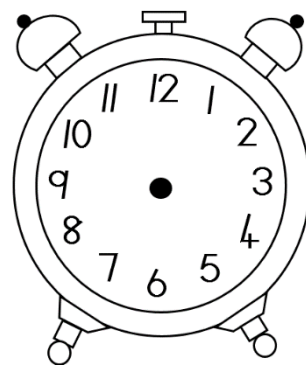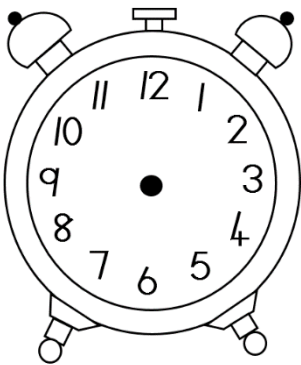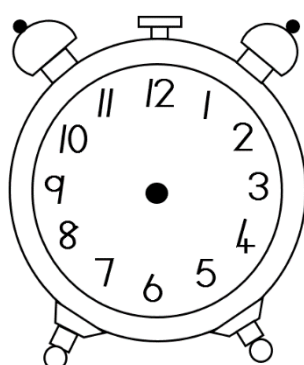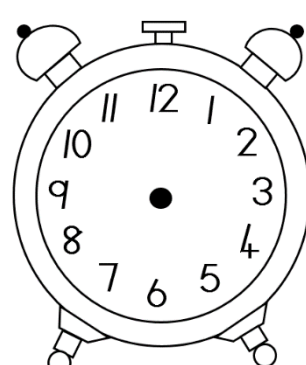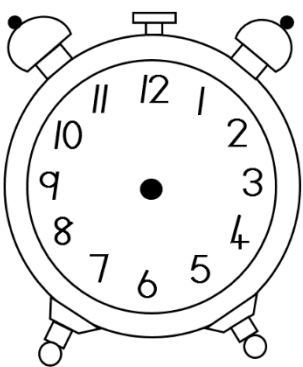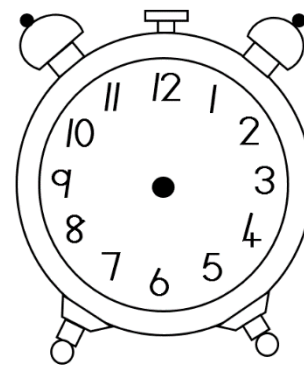
What is the time?
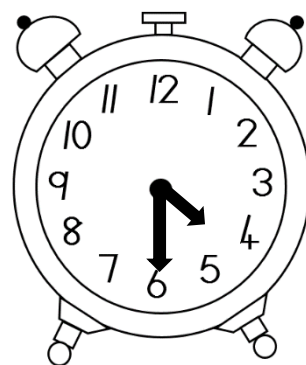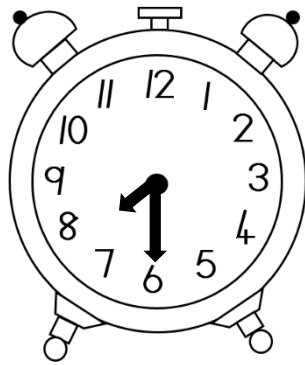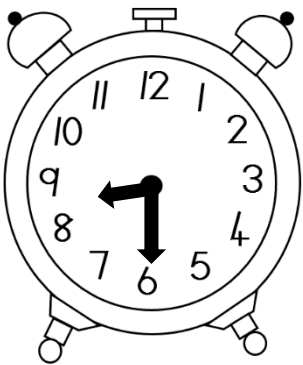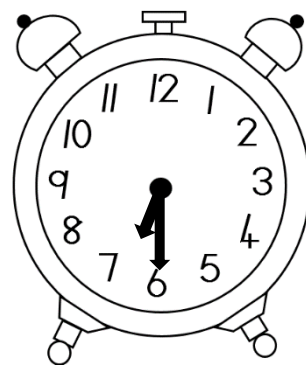
Fun with PATTERNS

1. Expand the patterns by drawing one more set.

   a. ○○□△△   ○○□△△ _____

   b. ♡☀⇨   ♡☀⇨ _____
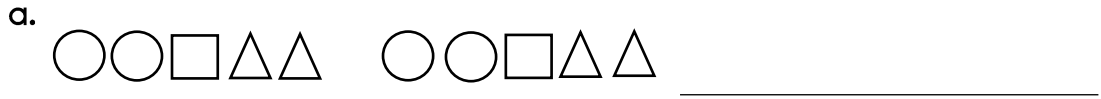
2. Draw your own pattern by using the 3 objects below. Your pattern must repeat 3 times

   ☾ ☀ ☁

3. Complete the pattern.

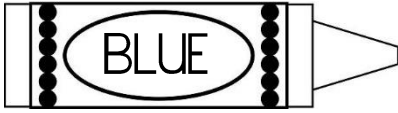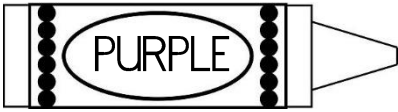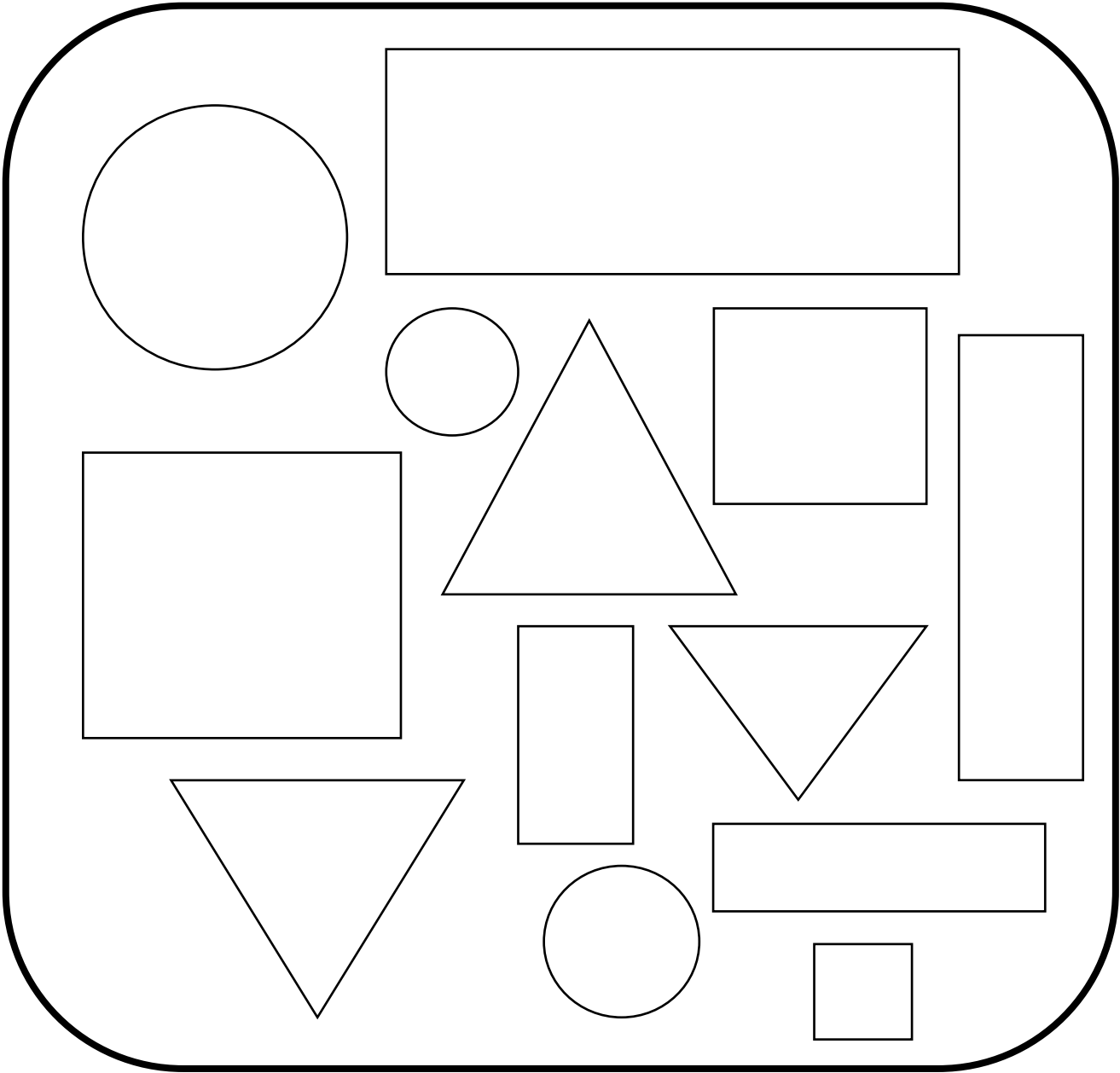# 2D SHAPES

Colour the shapes according to the crayons:

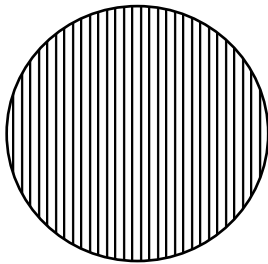Rectangle **GREEN**   Triangle **BLUE**
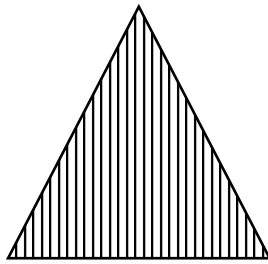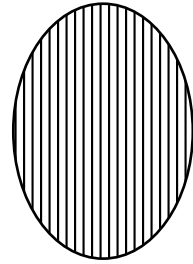
Circle **PURPLE**   Square **RED**

2D SHAPES

Does the following shapes have curved or straight sides. Colour the correct answer.

curved
straight

curved
straight
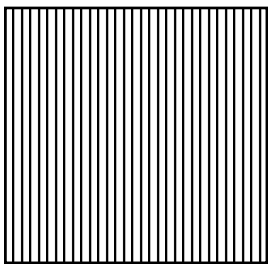
curved
straight
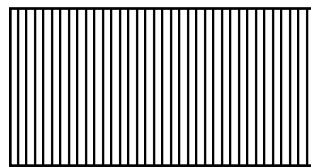
curved
straight
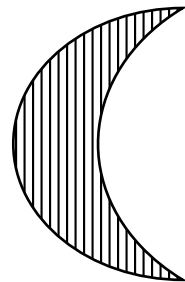
curved
straight

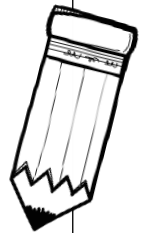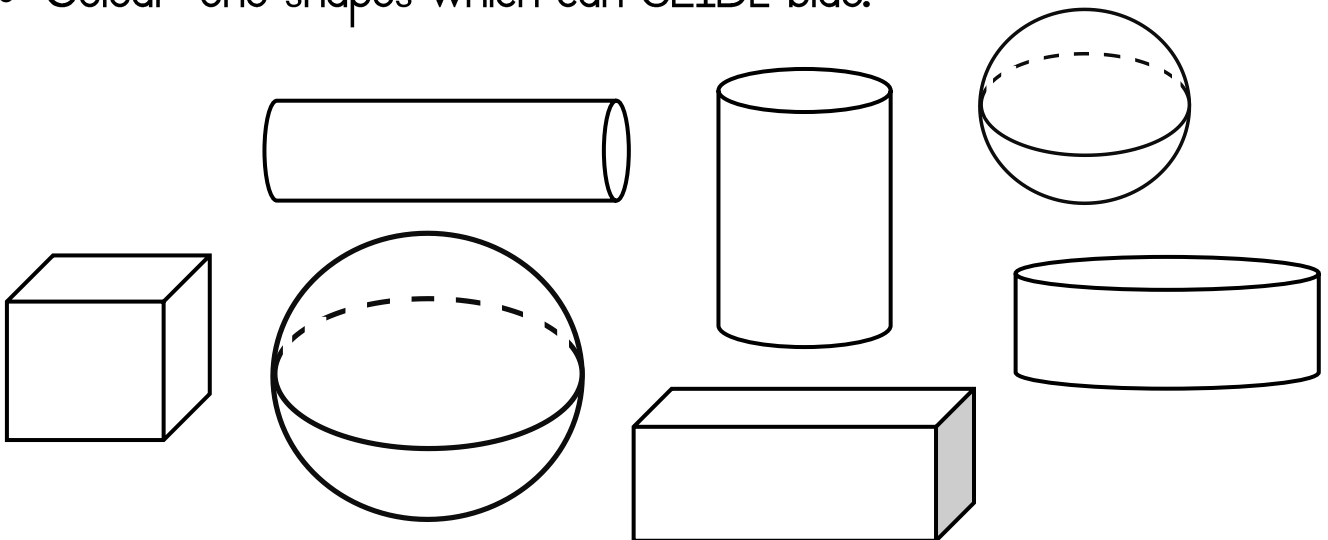| curved |
|--------|
| straight |

Draw the shapes in the blocks.
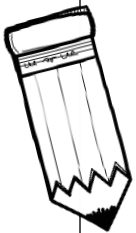
square	circle	rectangle

3D OBJECTS

Write the names of the shapes.

_____

_____

_____

- - - - - - - - - - - - - -
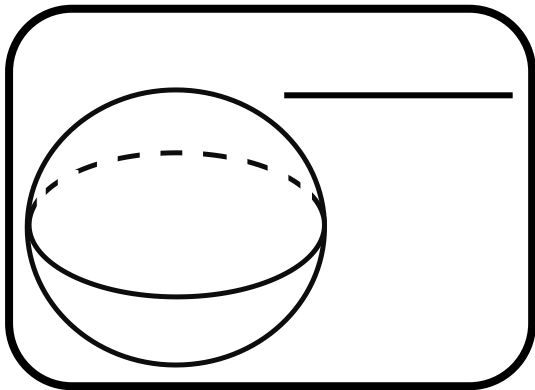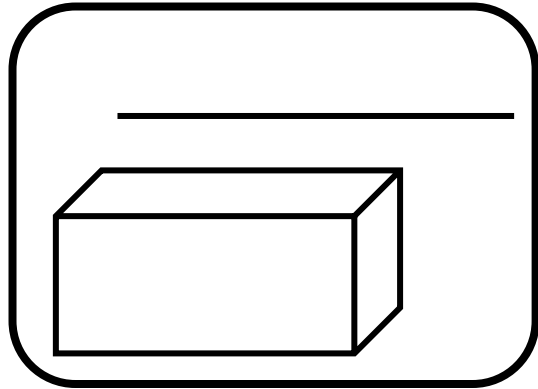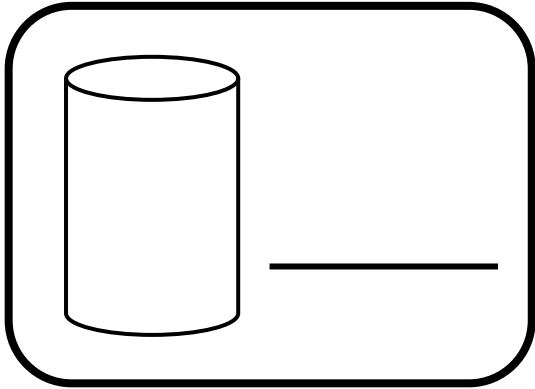
- Colour the shapes which can ROLL yellow.
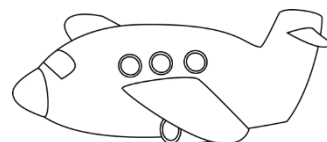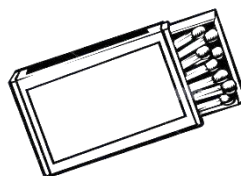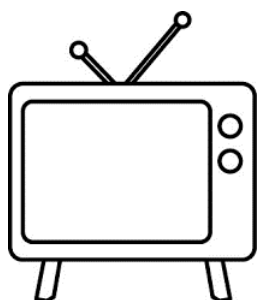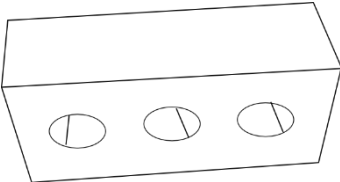- Colour the shapes which can SLIDE blue.

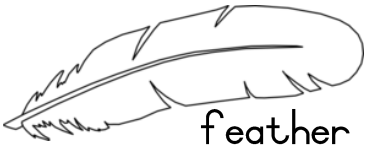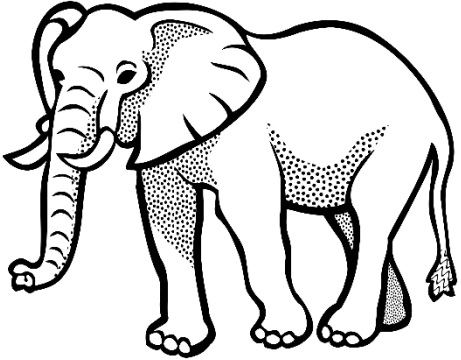Colour the pictures that does not look like the shape.
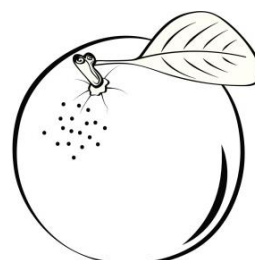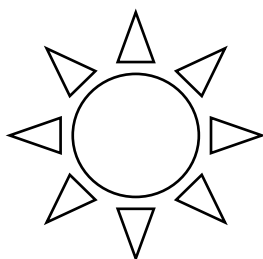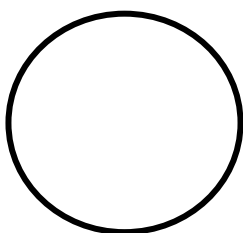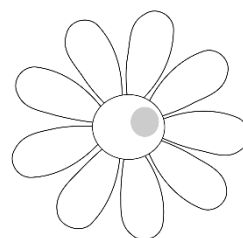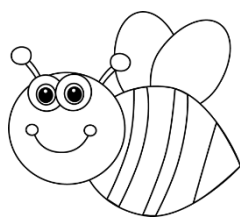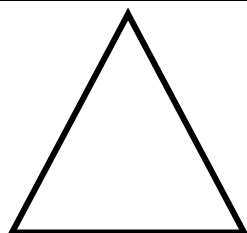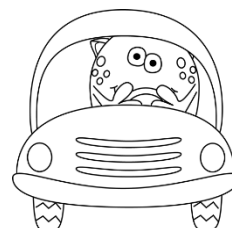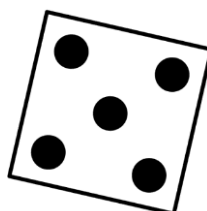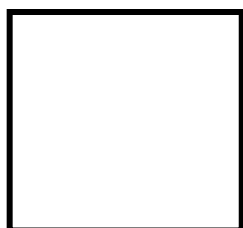
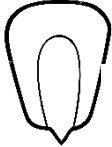# MASS

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

brick

feather

elephant

kernel
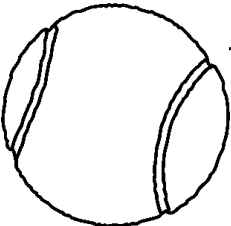
tennis ball

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

right
left

Bzzz !!!!!

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

Answer the questions below:

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

DATA

Count the shapes and colour the blocks of the graph.

7				
6				
5				
4				
3				
2				
1				
0	circle	square	rectangle	triangle
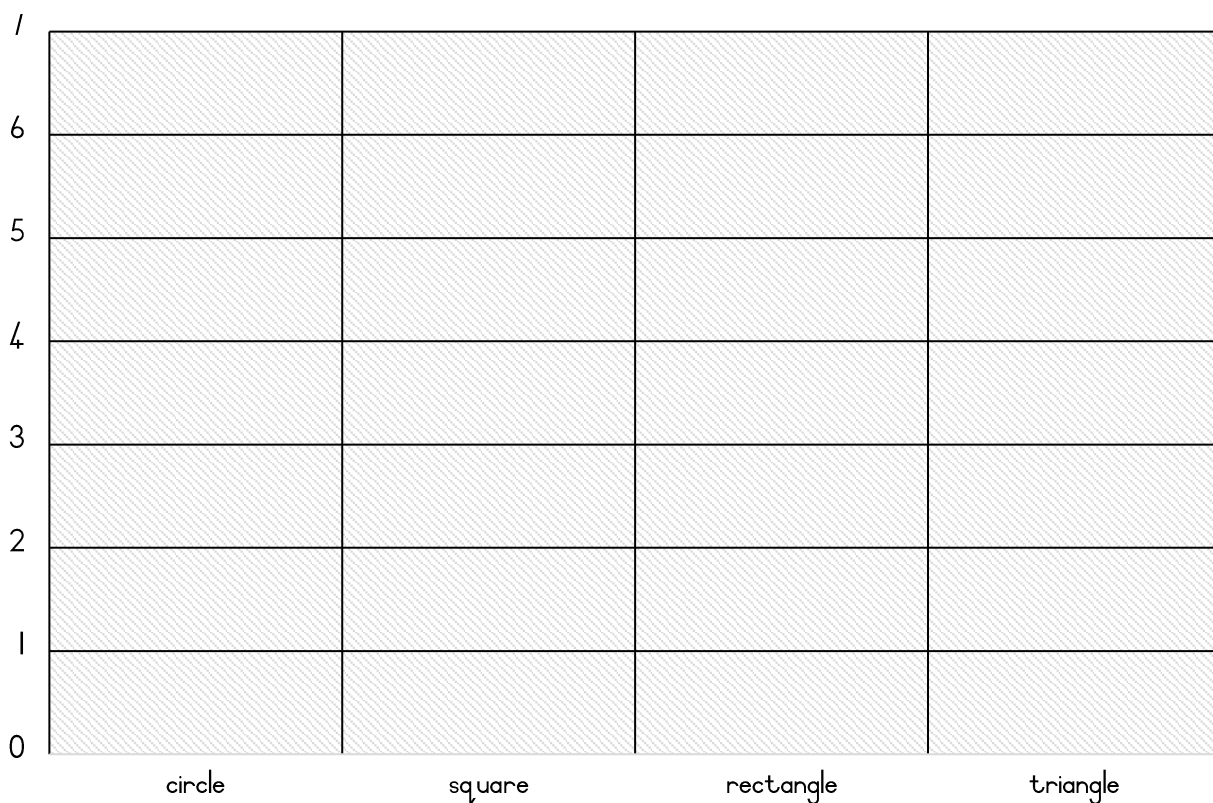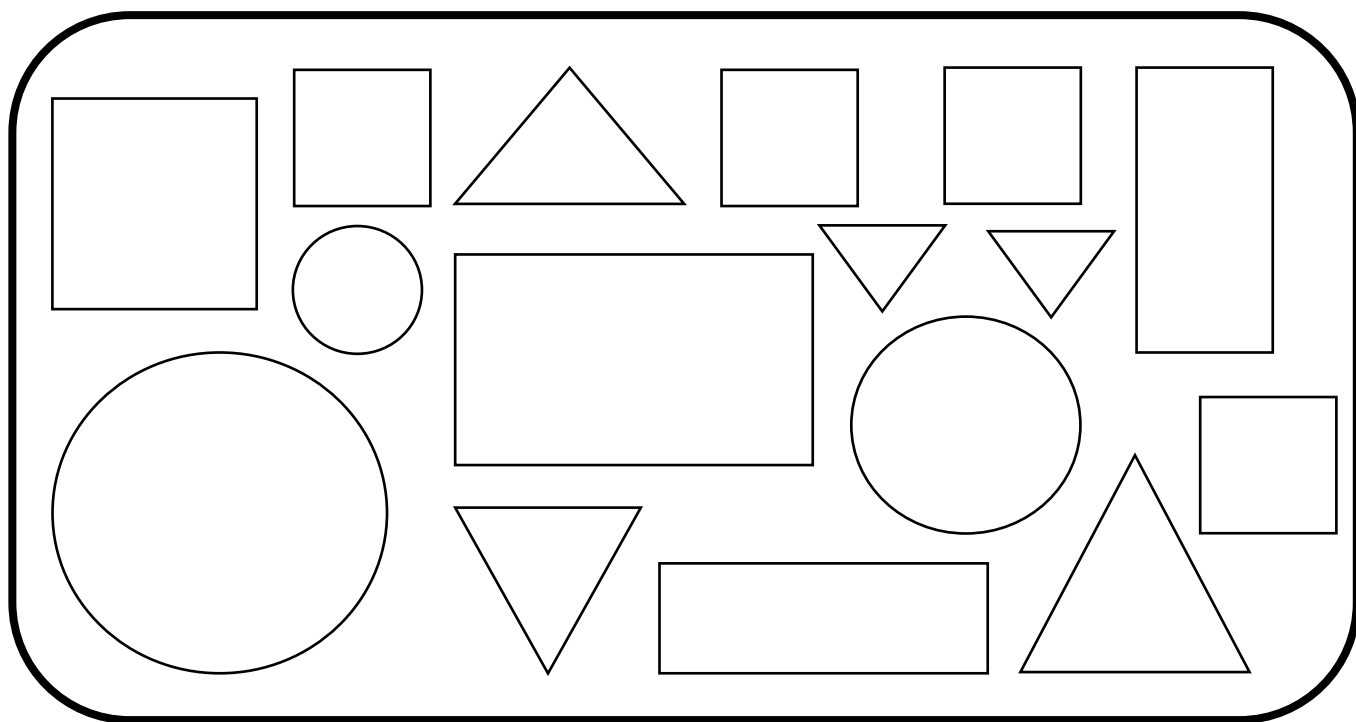
Data with insects

Count all the different types of insects and complete the pictograph.
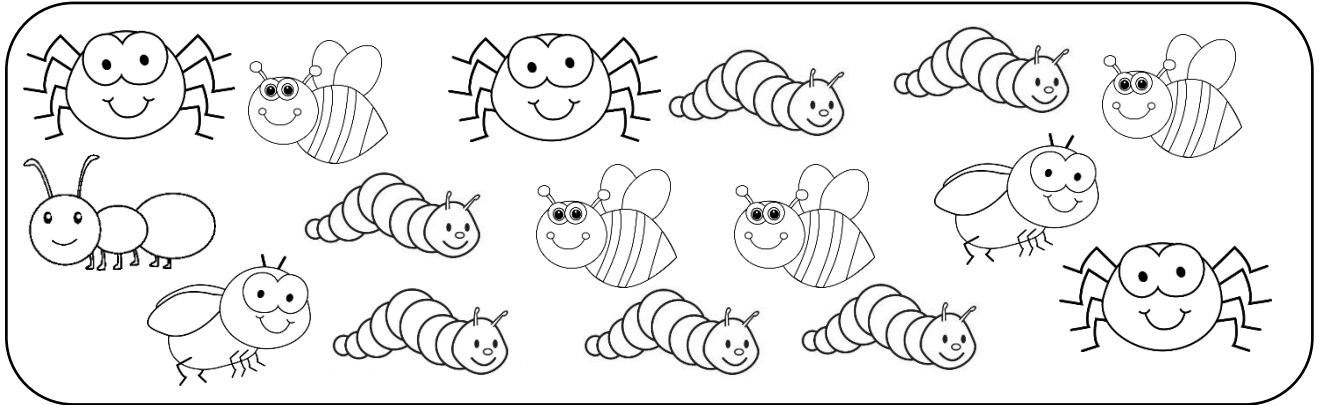
8					
7					
6					
5					
4					
3					
2					
1					
0					
	bee	ant	worm	fly	spider

Word problems

A family has 6 cats. How many legs do they have altogether?

Write a number sentence:

_____

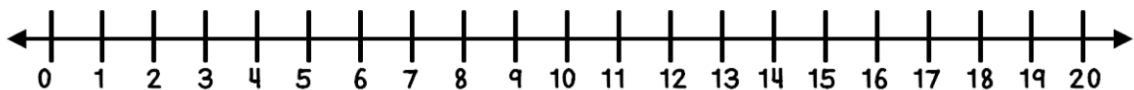Fred the famers plants pumpkins. There is 7 rows and 5 pumpkins in each row. How many pumpkins are there altogether?

Mia eats 2apples a day. How many apples does she eat in a week?

Use the number line to show your answer.

```
◄──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──┼──►
   0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20
```

Dave is 12 years old. His mother is 34 years older than him. How old is his mother? (You may use a sum to calculate your answer.)