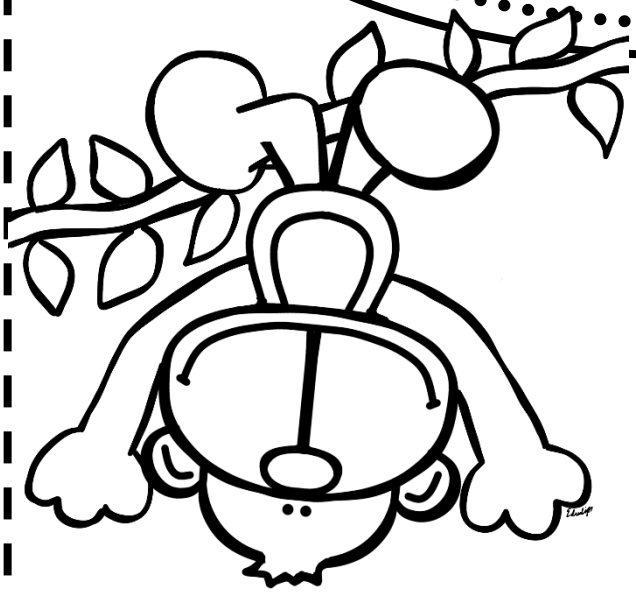
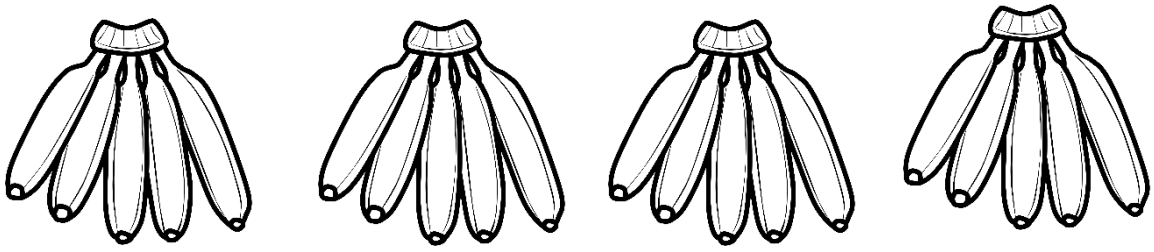
Mathematics

Grade 1 - Term 4





5 10 15 20

Name:

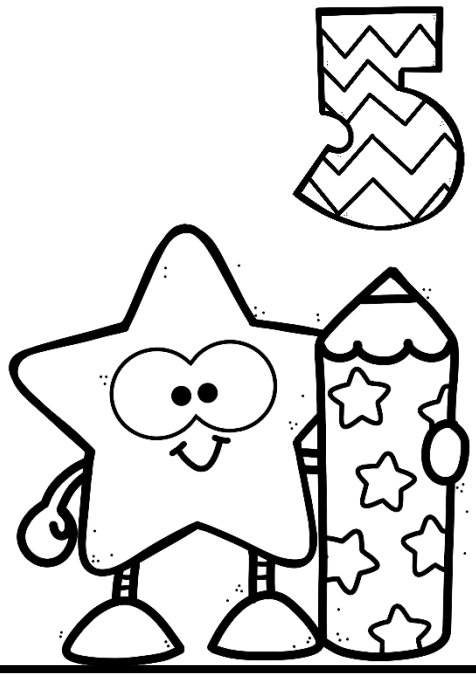
Number names and number symbols.

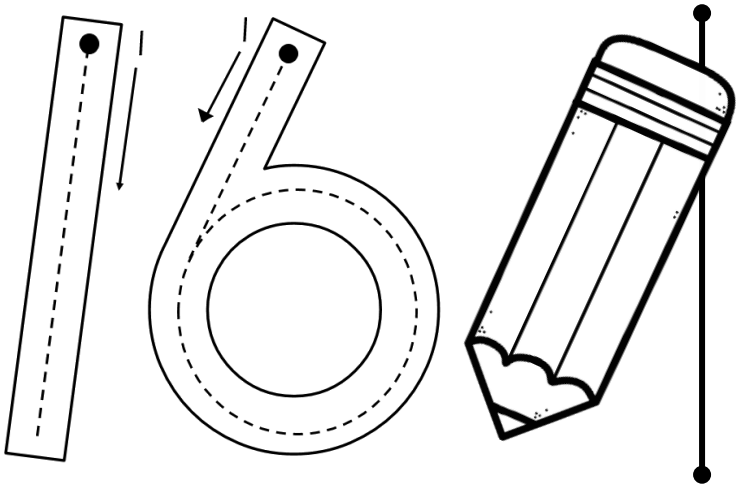
Write the number names for the number symbols.

5		3	
7		9	
1		4	
6		10	
8		2	

Write the number symbols for the number names.

ten		two	
nine		six	
one		eight	
three		seven	
four		five	





Draw 16 circles in the blocks.

Draw over the dotted lines and complete the row.

sixteen

16 16

Complete the number line.

0	1	2														16

Colour 16 fish.

Colour the number 16.

18	16	20	19
17	19	20	16
20	16	16	19
16	18	16	20

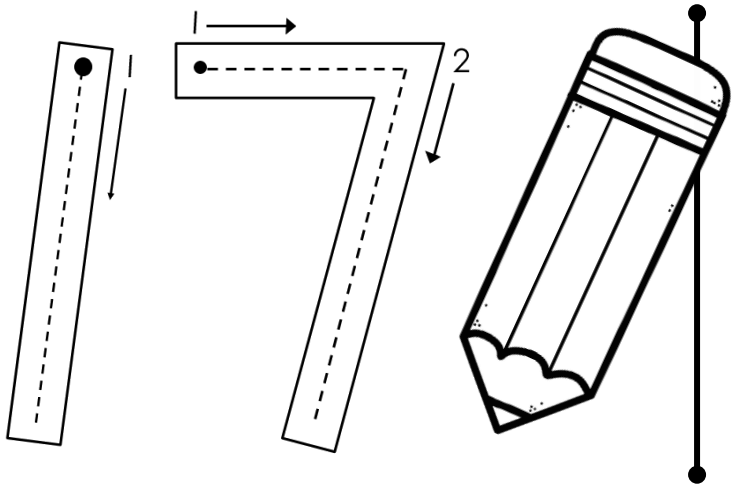
More than and less than

What is 1 more than 16? _____

What is 1 less than 16? _____

What is 2 more than 16? _____

What is 2 less than 16? _____



Draw 17 circles in the blocks.

Draw over the dotted lines and complete the row.

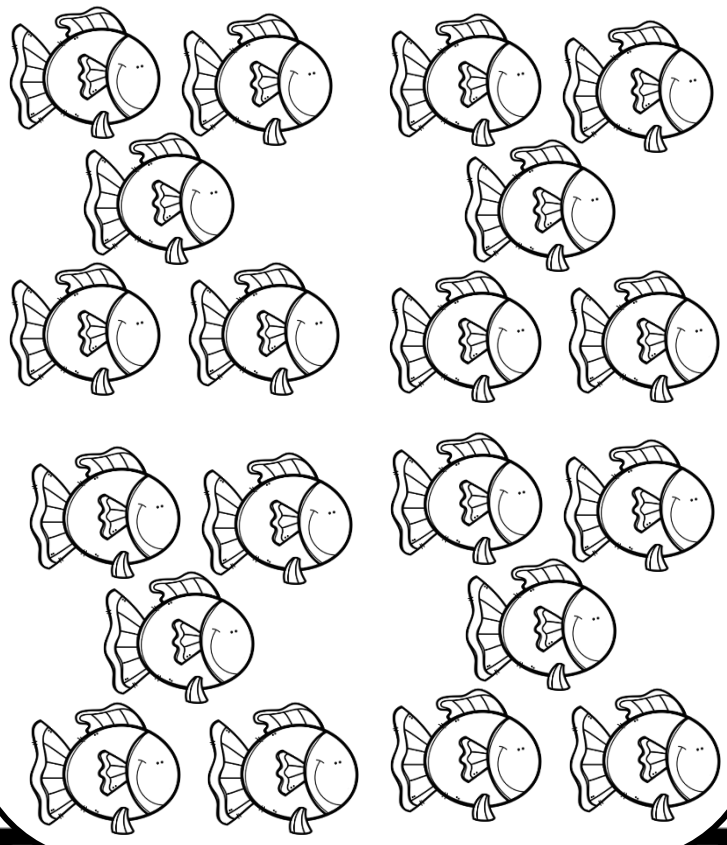
seventeen

17 17

Complete the number line.

0	1	2														17

Colour 17 fish.



Colour the number 17.

18	16	17	19
17	19	20	16
20	16	17	19
17	18	16	20

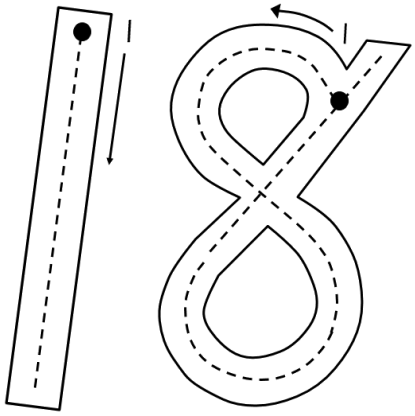
More than and less than

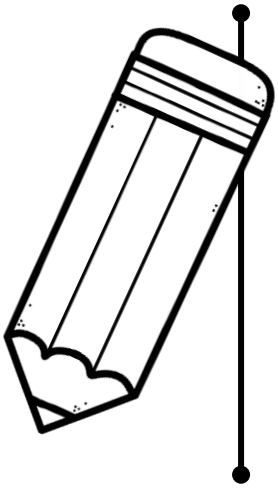
What is 1 more than 17? _____

What is 1 less than 17? _____

What is 2 more than 17? _____

What is 2 less than 17? _____





Draw 18 circles in the blocks.

Draw over the dotted lines and complete the row.

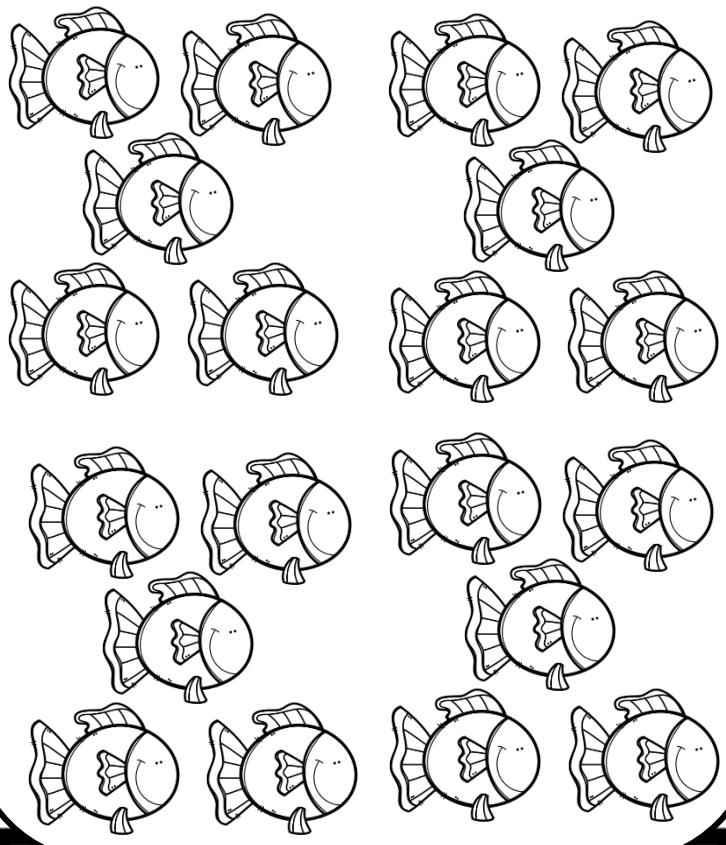
eighteen

18 18

Complete the number line.

0	1	2															18

Colour 18 fish.



Colour the number 18.

18	16	17	19
17	19	20	18
18	16	17	19
17	18	16	20

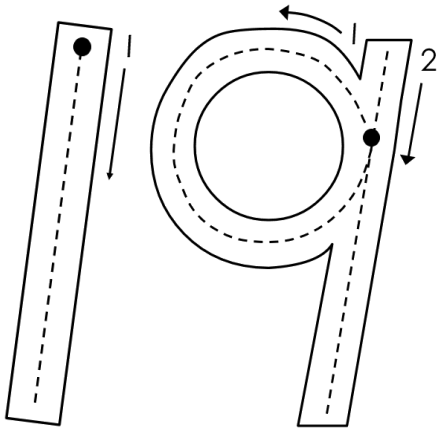
More than and less than

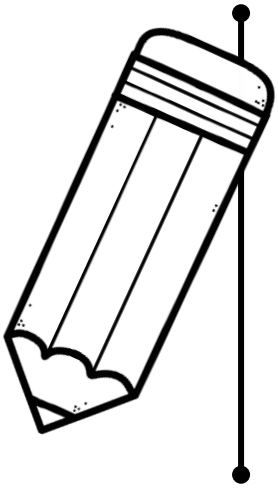
What is 1 more than 18? _____

What is 1 less than 18? _____

What is 2 more than 18? _____

What is 2 less than 18? _____





Draw 19 circles in the blocks.

Draw over the dotted lines and complete the row.

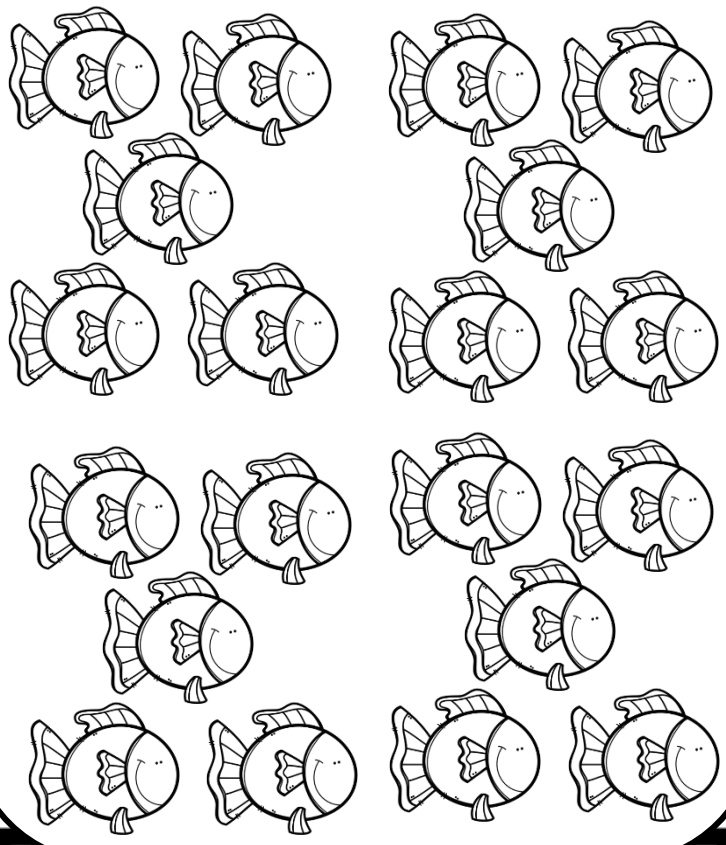
nineteen

19 19

Complete the number line.

0	1	2																19

Colour 19 fish.



Colour the number 19.

19	16	17	19
17	19	20	18
18	16	17	19
19	18	16	20

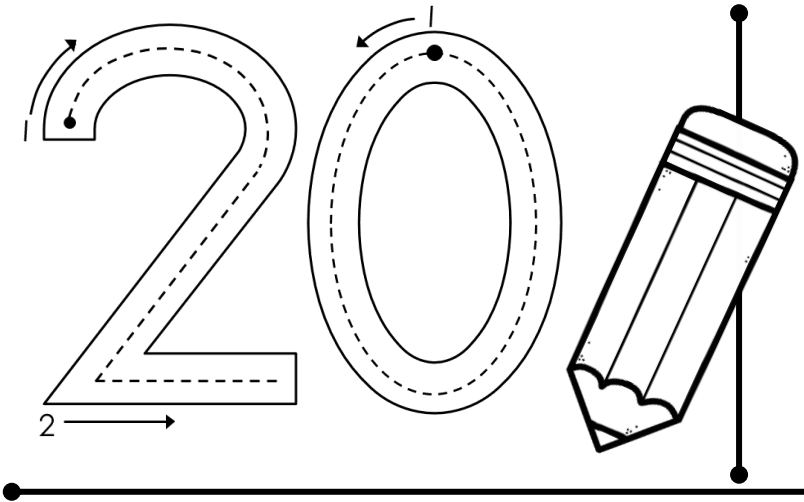
More than and less than

What is 1 more than 19? _____

What is 1 less than 19? _____

What is 2 more than 19? _____

What is 2 less than 12? _____



Draw 20 circles in the blocks.

Draw over the dotted lines and complete the row.

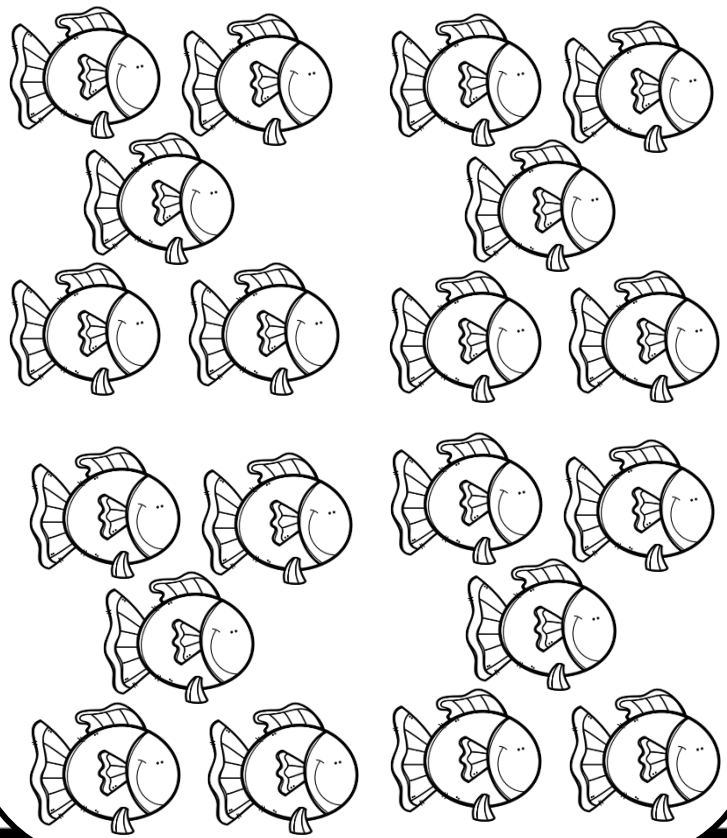
twenty

20 20

Complete the number line.

0	1	2																	20

Colour 20 fish.



Colour the number 20.

19	16	17	19
17	19	20	18
18	16	17	19
19	18	16	20

More than and less than

What is 1 more than 20? _____

What is 1 less than 20? _____

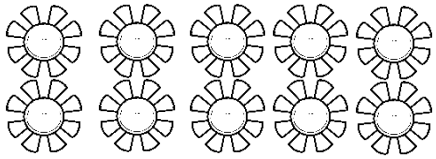
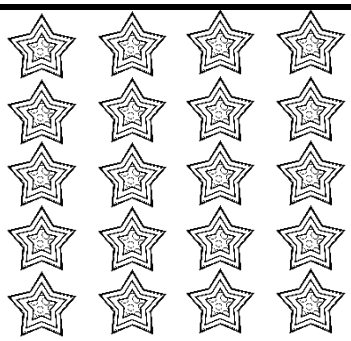
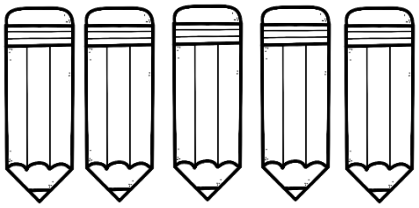
What is 2 more than 20? _____

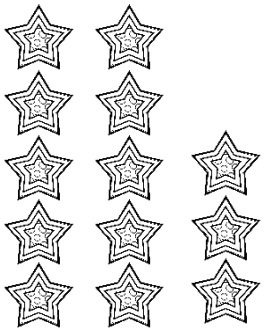
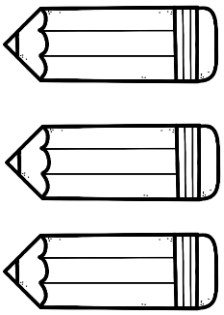
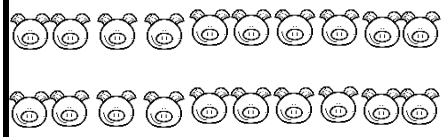
What is 2 less than 20? _____

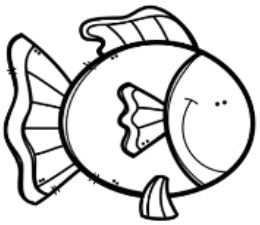
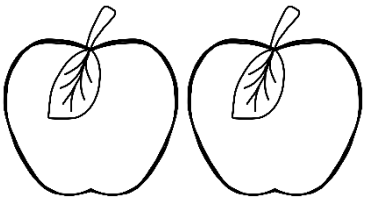
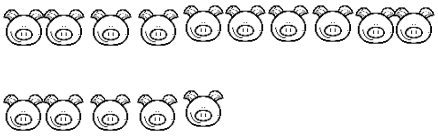
Match the number symbol with the number name.

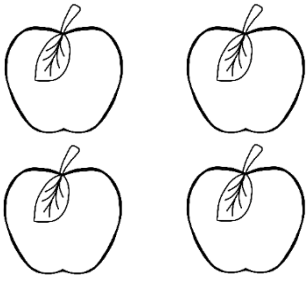
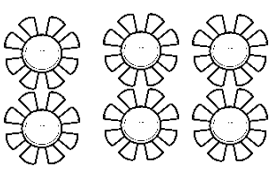
0	two
1	twenty
2	fifteen
3	nineteen
4	thirteen
5	eighteen
6	seventeen
7	zero
8	seven
9	fourteen
10	one
11	three
12	eight
13	four
14	five
15	sixteen
16	nine
17	eleven
18	ten
19	twelve
20	six

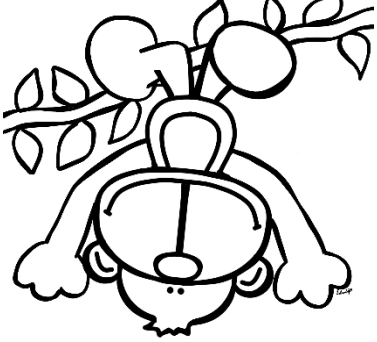
Count the pictures and write the number symbol. Where possible count in groups of 2, 5 or 10 to count it easier.

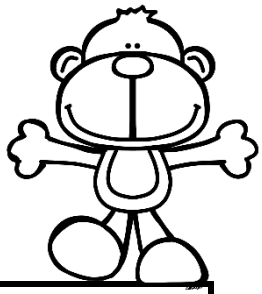
		

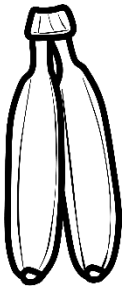


Groups of 2



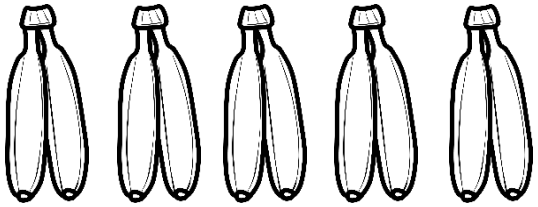
Count the bananas by grouping.

Then write a number sentence.



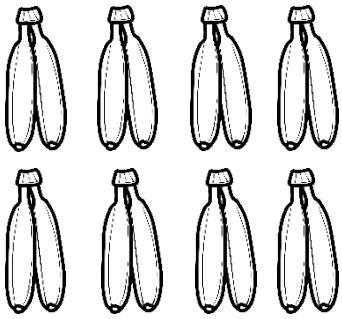
_____ = _____ bananas

_____ groups of _____ = _____ bananas



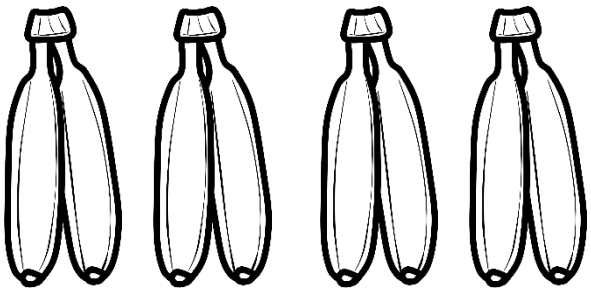
_____ = _____ bananas

_____ groups of _____ = _____ bananas



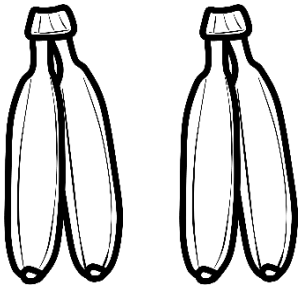
_____ = _____ bananas

_____ groups of _____ = _____ bananas



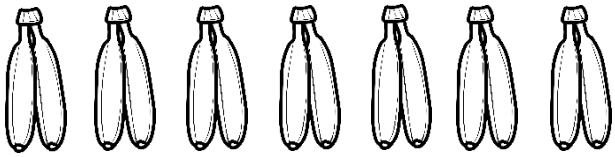
_____ = _____ bananas

_____ groups of _____ = _____ bananas



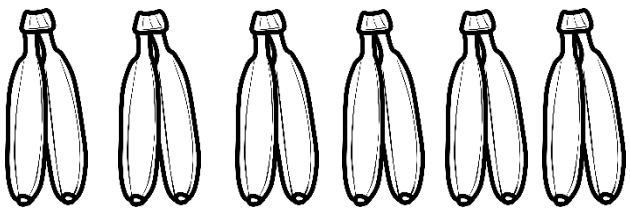
_____ = _____ bananas

_____ groups of _____ = _____ bananas



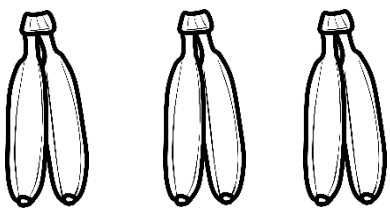
_____ = _____ bananas

_____ groups of _____ = _____ bananas



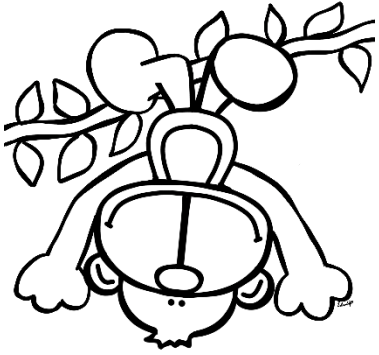
_____ = _____ bananas

_____ groups of _____ = _____ bananas

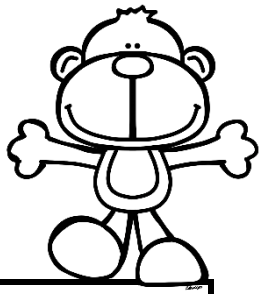


_____ = _____ bananas

_____ groups of _____ = _____ bananas

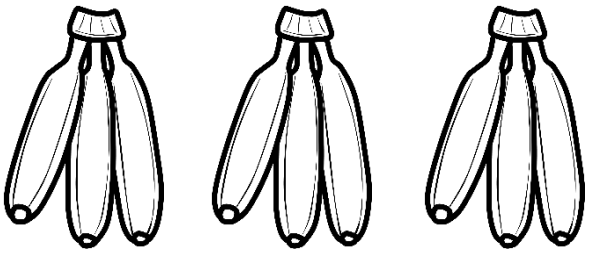


Groups of 3



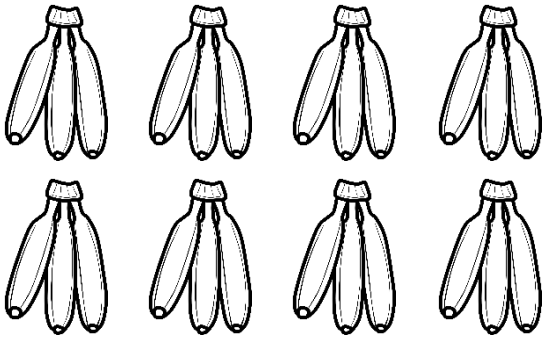
Count the bananas by grouping.

Then write a number sentence.



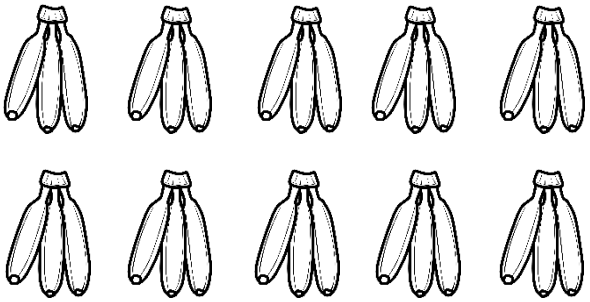
_____ = _____ bananas

_____ groups of _____ = _____ bananas



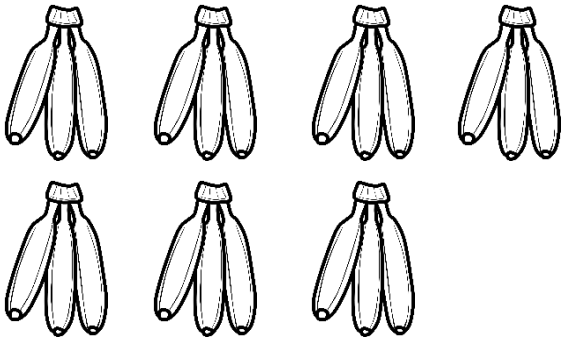
_____ = _____ bananas

_____ groups of _____ = _____ bananas



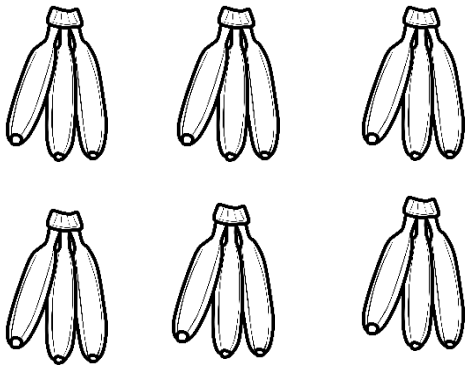
_____ = _____ bananas

_____ groups of _____ = _____ bananas



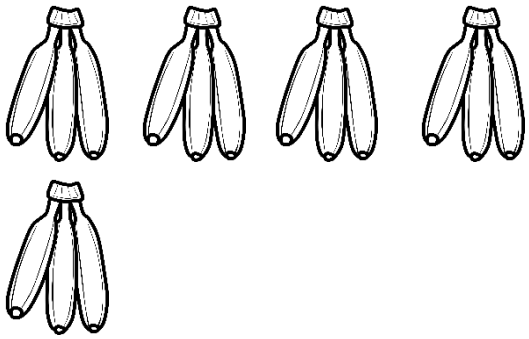
_____ = _____ bananas

_____ groups of _____ = _____ bananas



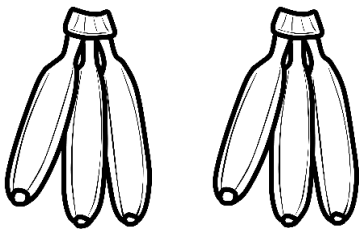
_____ = _____ bananas

_____ groups of _____ = _____ bananas



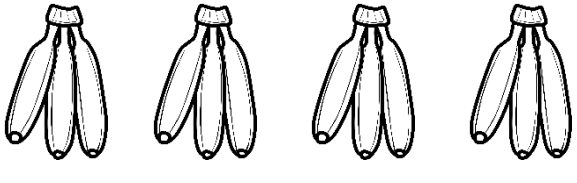
_____ = _____ bananas

_____ groups of _____ = _____ bananas



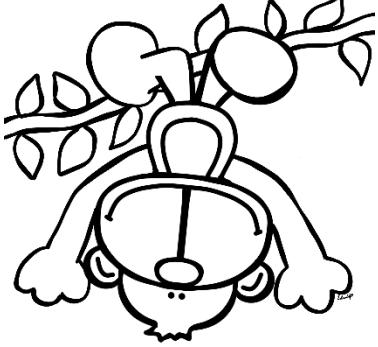
_____ = _____ bananas

_____ groups of _____ = _____ bananas

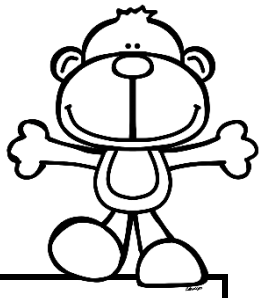


_____ = _____ bananas

_____ groups of _____ = _____ bananas

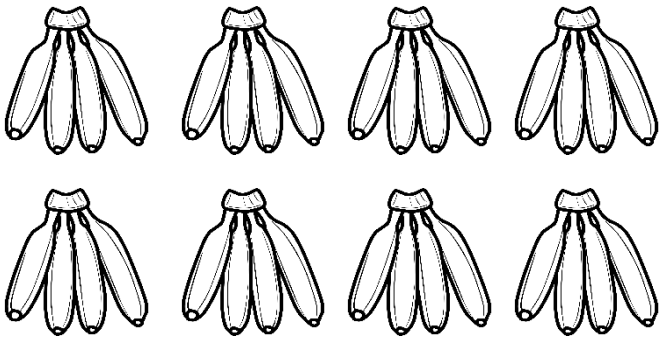


Groups of 4



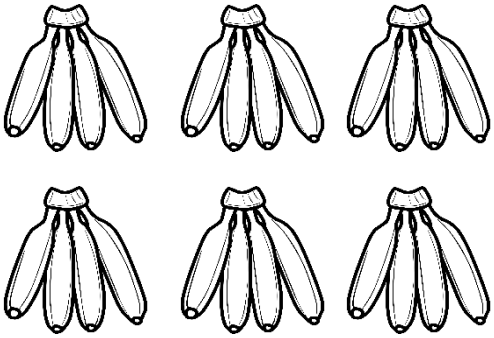
Count the bananas by grouping.

Then write a number sentence.



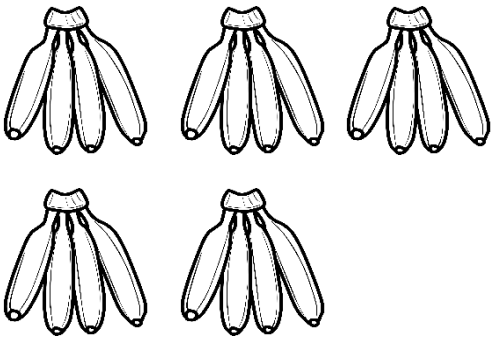
_____ = _____ bananas

_____ groups of _____ = _____ bananas



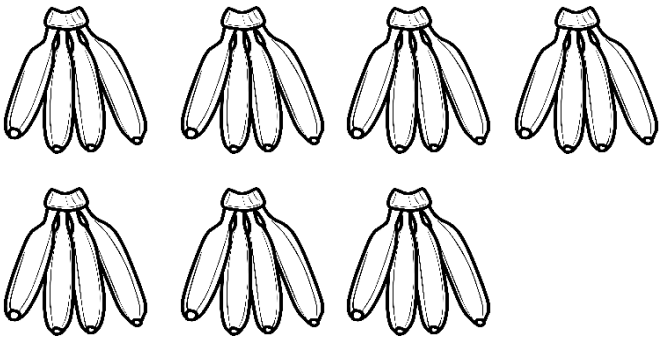
_____ = _____ bananas

_____ groups of _____ = _____ bananas



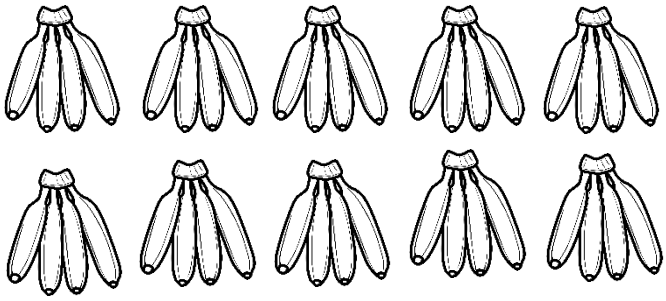
_____ = _____ bananas

_____ groups of _____ = _____ bananas



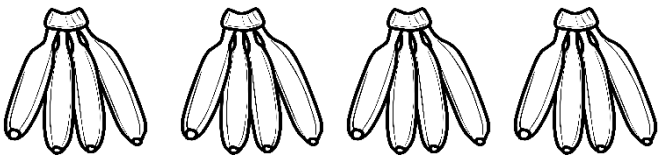
_____ = _____ bananas

_____ groups of _____ = _____ bananas



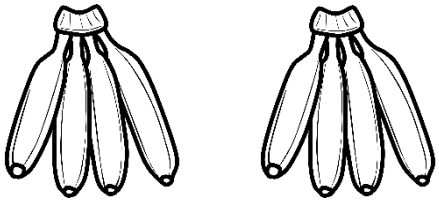
_____ = _____ bananas

_____ groups of _____ = _____ bananas



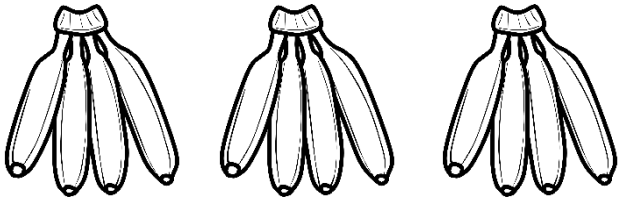
_____ = _____ bananas

_____ groups of _____ = _____ bananas



_____ = _____ bananas

_____ groups of _____ = _____ bananas



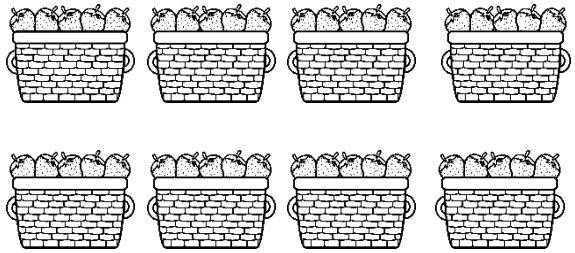
_____ = _____ bananas

_____ groups of _____ = _____ bananas

Groups of 5

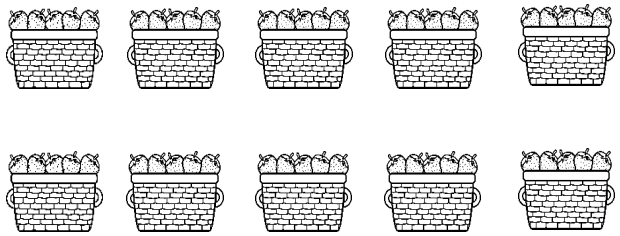
Count the bananas by grouping.

Then write a number sentence.



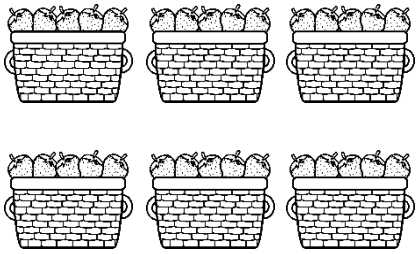
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



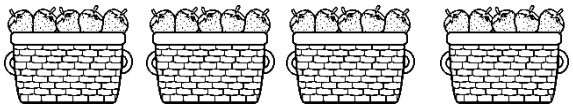
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



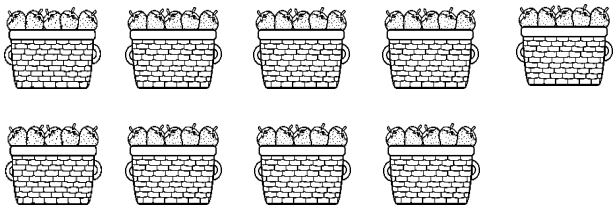
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



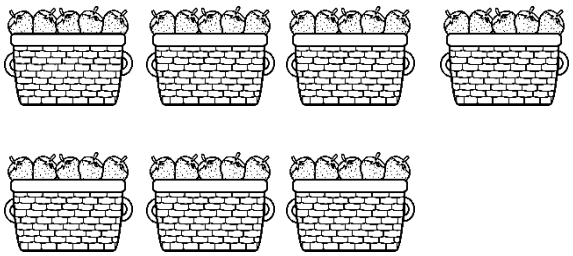
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



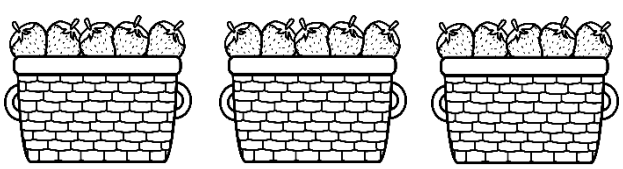
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



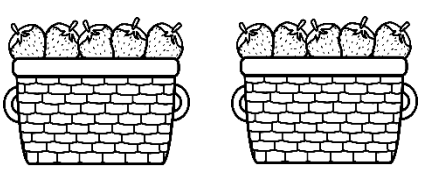
_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



_____ = _____ strawberries

_____ groups of _____ = _____ strawberries



_____ = _____ strawberries

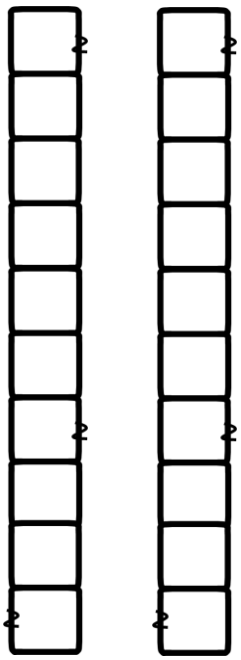
_____ groups of _____ = _____ strawberries

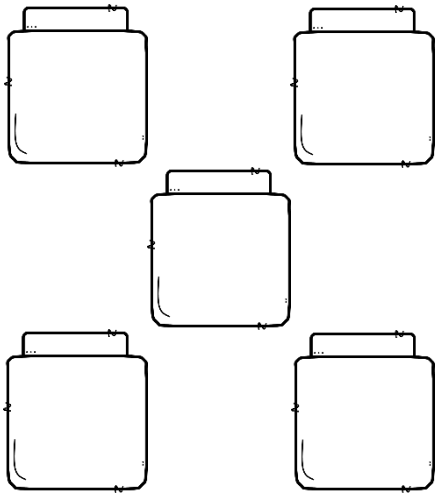
Place value

25

tens

units



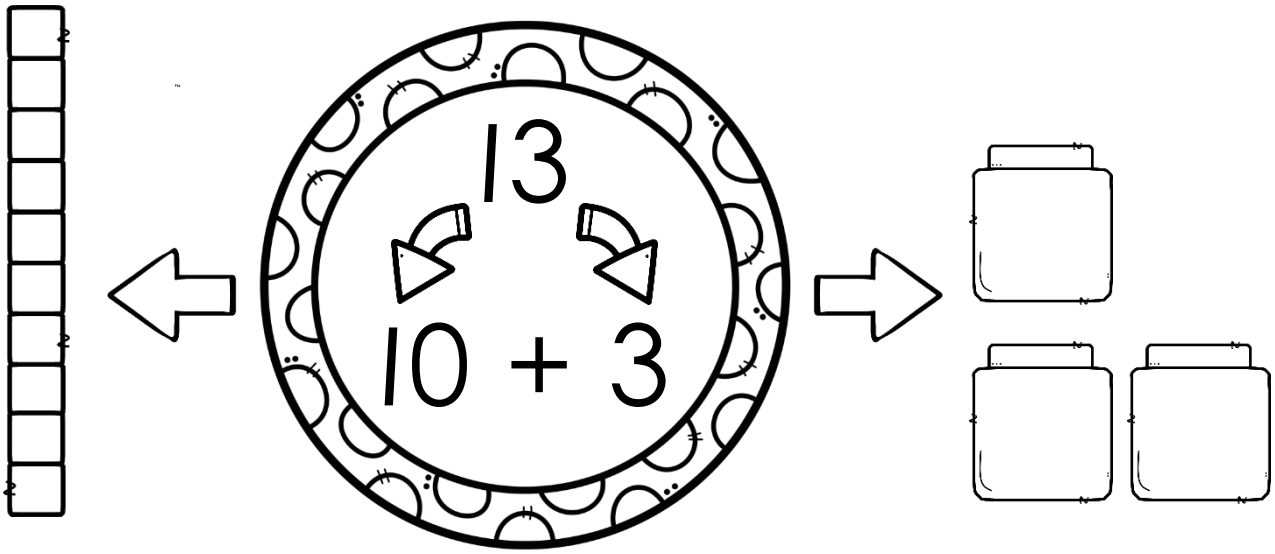


20 + 5 = 25

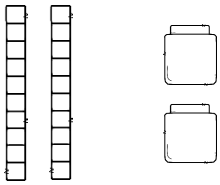
Place value

Break the numbers up in tens and units.

Draw blocks to show your answer. The first one has been done for you.



22 = 20 + 2



34 = ____ +____

15 = ____ +____

33 = ____ +____

17 = ____ +____

28 = ____ +____

Underline the tens with RED. Underline the units with BLUE.

14	39	26	13	24
21	11	27	32	18

Complete the numbers

Count in 1's.

0	1	2		4						10				14			17		

60	61		63		65		67		69	

50			53	54				58		

Count in 2's.

10	12	14				22			28			34

32	34			40	42				50		54	

20	22				30			36				44

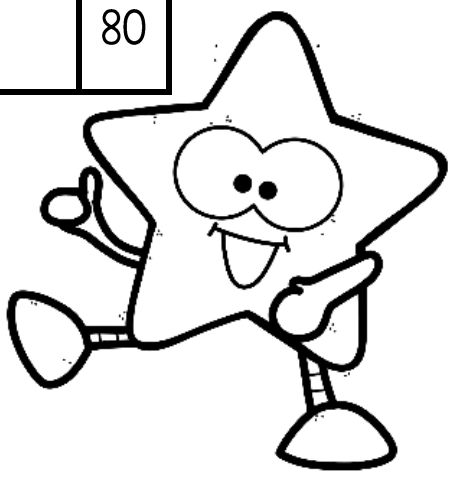
Count in 5's.

5	10											65

30			45				65		80

Count in 10's.

10			40				80



Greatest and smallest

Circle the greatest number.

5	4	6
3	2	1
5	4	6
15	13	14
10	11	12
6	9	8

Circle the smallest number.

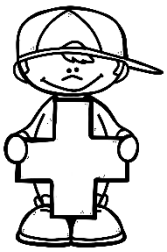
5	4	6
6	9	8
7	6	8
13	14	12
1	2	3
12	10	13

Order the numbers from the greatest to the smallest.

5	9	7
14	12	13
4	1	2

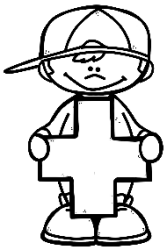
Order the numbers from the smallest to the greatest.

6	5	8
13	12	11
9	3	6



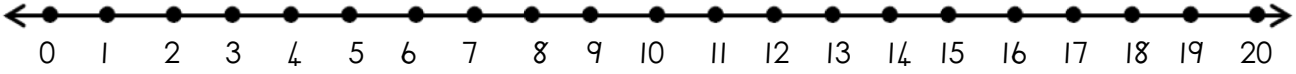
Problem solving

- Addition –

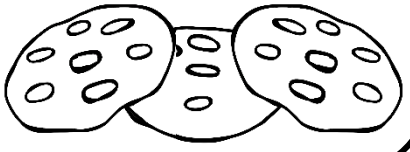


Read the word problems. Write a number sentence. Show your sum on the number line.

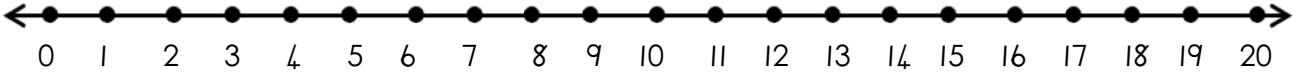
Lisa has 3 cookies. David gives her 14 cookies. How many cookies does Lisa have?

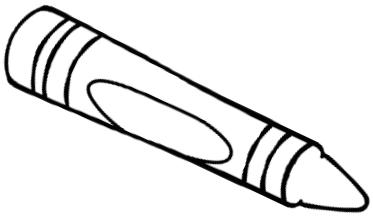


_____ + _____ = _____



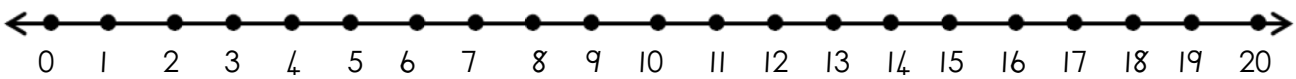
David has 5 crayons. Ben has 8 crayons. How many crayons do they have altogether?

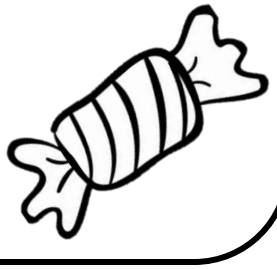




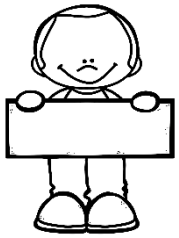
_____ + _____ = _____

Carl has 7 sweets. John has 10 sweets. How many sweets do they have altogether?



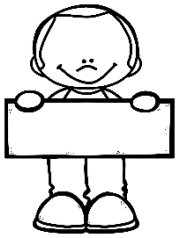


_____ + _____ = _____



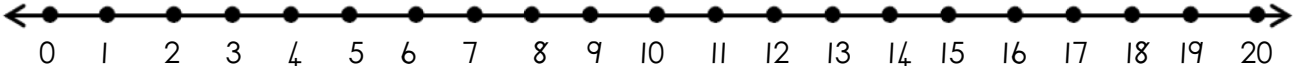
Problem solving

- Subtraction –

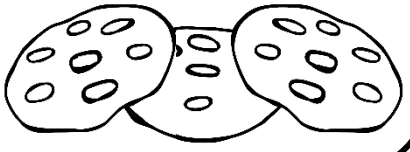


Read the word problems. Write a number sentence. Show your sum on the number line.

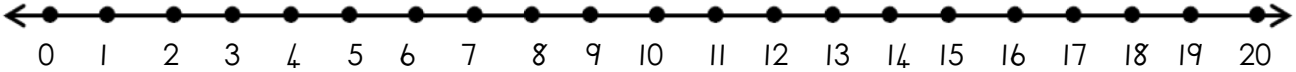
Lisa has 17 cookies. Ben eats 9 of her cookies. How many cookies does Lisa have left?



_____ - _____ = _____

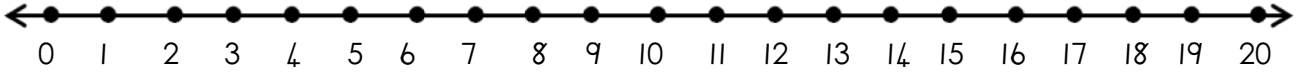


Susan has 12 marbles. She lost 7 of them. How many marbles does she have left?

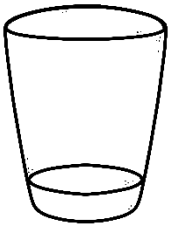


_____ - _____ = _____

Mia carries 12 glasses on a tray. She dropped the tray and 4 of the glasses broke. How many glasses are left?



_____ - _____ = _____

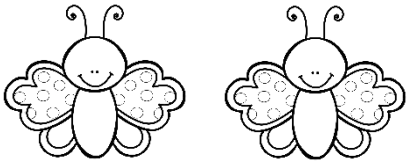


Complete the 100 block.

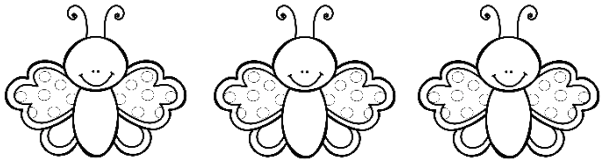
1						7	8	9	
11	12			15	16				20
		23	24				28	29	
	32		34	35	36			39	
	42		44		46				
	52	53					58	59	60
	62		64					69	70
	72		74		76			79	
81		83	84					89	
	92		94	95				99	

More and less

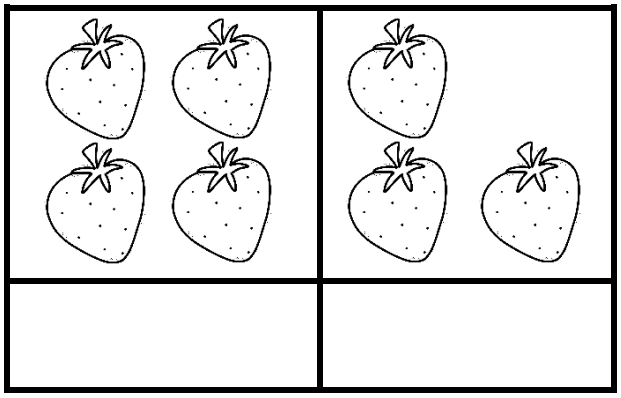
more

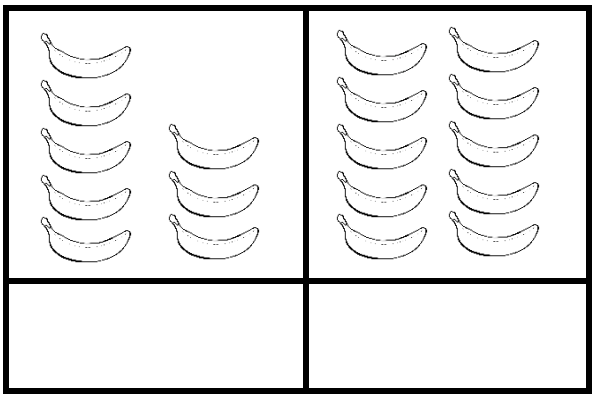


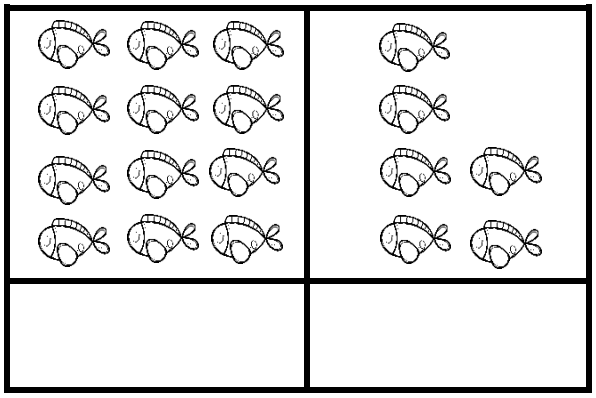
less

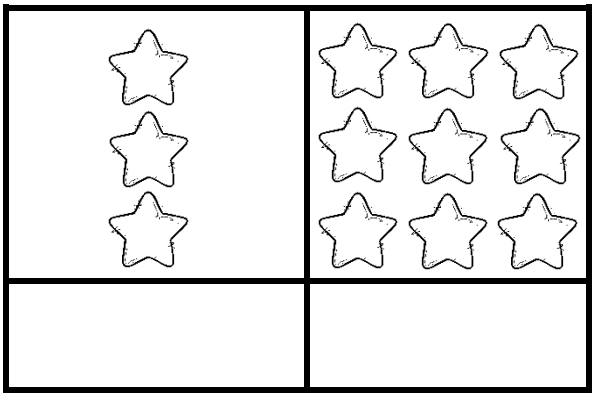


Count the picture and write the number symbol. Colour the number which is **more** GREEN. Colour the amount which is **less** PURPLE.





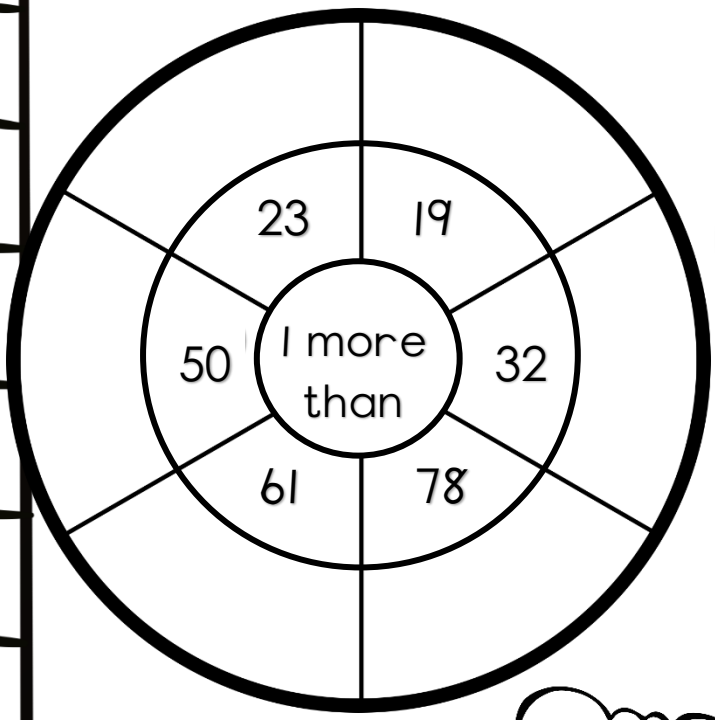


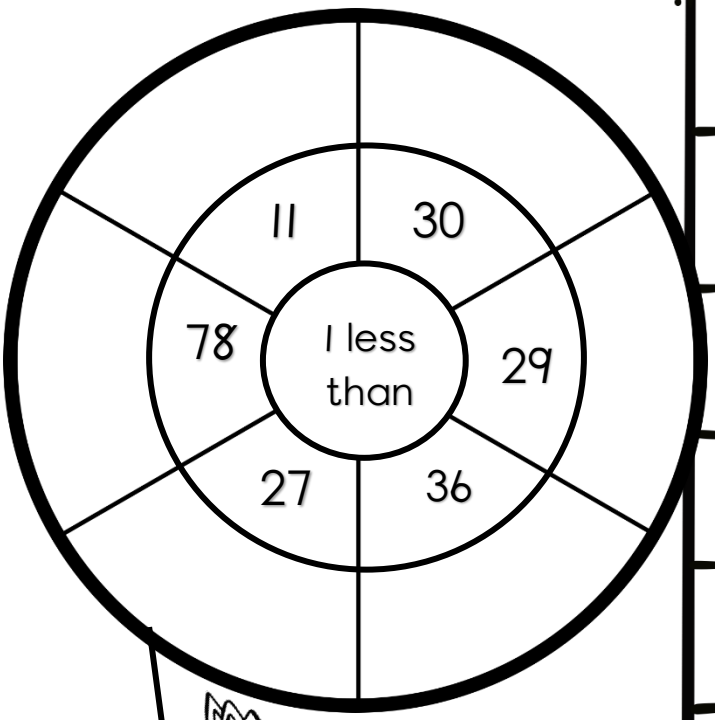


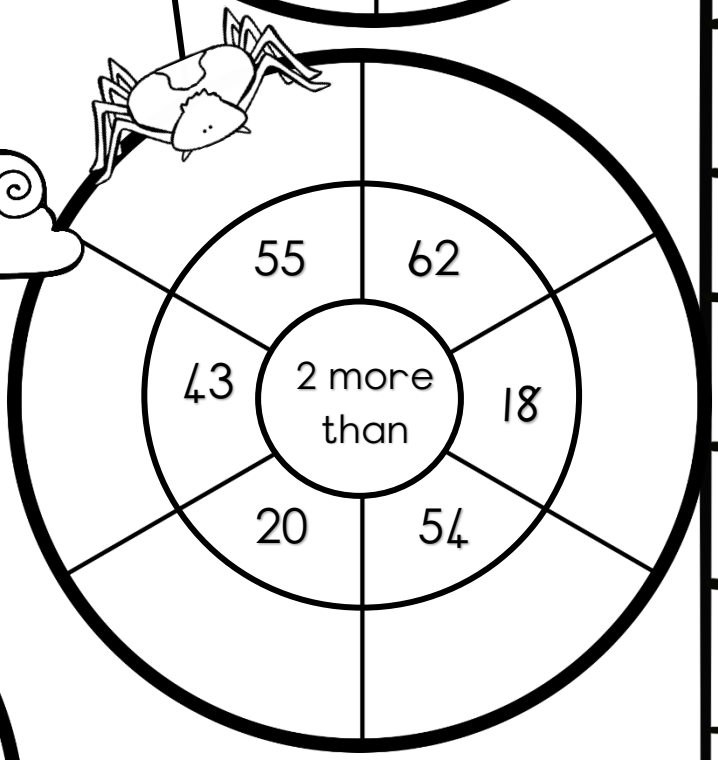
Fill in: more or less

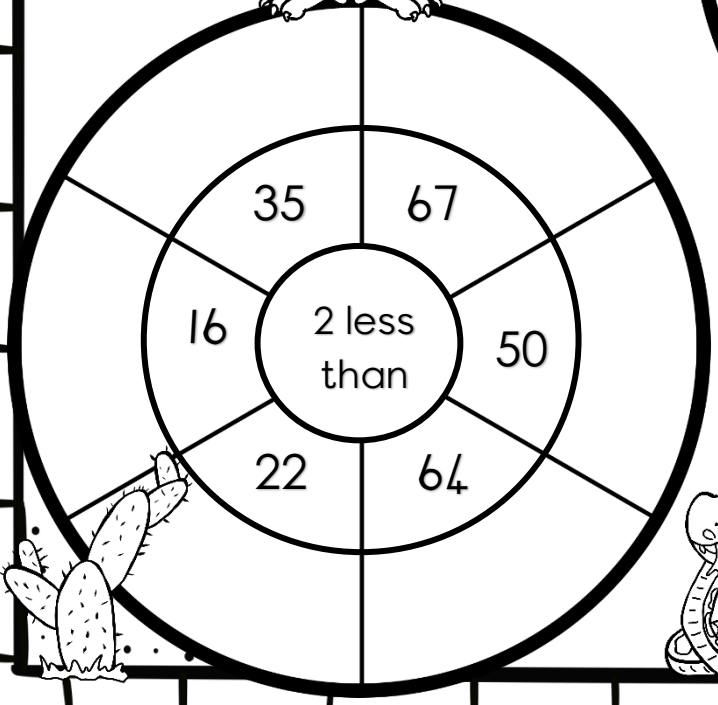
35 is _____ than 38	28 is _____ than 82	4 is _____ than 3
9 is _____than 6	79 is _____ than 65	32 is _____ than 52
40 is _____ than 45	19 is _____ than 91	4 is _____ than 7

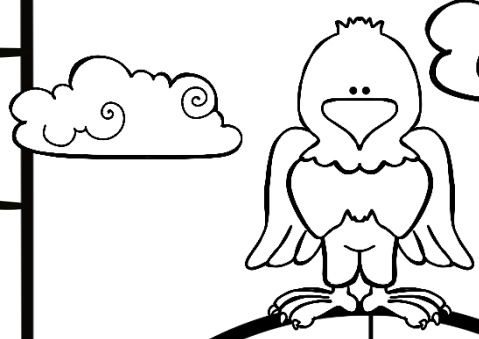
More than and less than in the desert

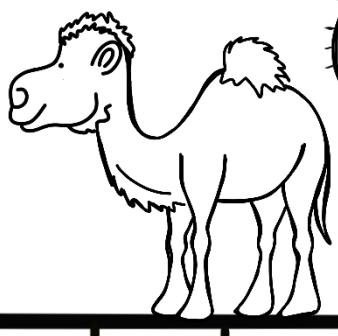


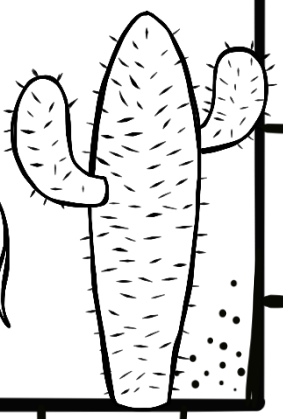




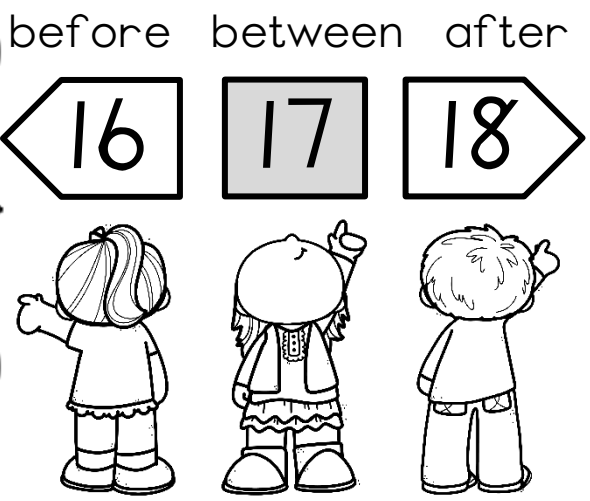








Before, between and after



Write the numbers which comes before, between or after.

before	between	after
2		4
	17	
8		10
33	34	
	9	
14		16
0	1	
24	25	
17		19
19		21
17	18	
	6	
16	17	

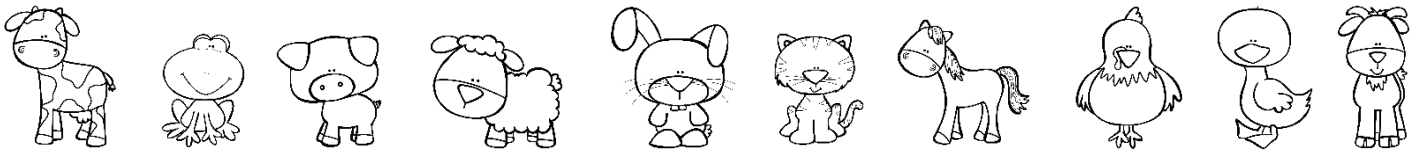
before	between	after
35		37
	12	
1		3
28	29	
	14	
	11	12
	20	21
30		32
	1	2
7		9
	28	29
38	39	
	30	31

Ordinal numbers

Practice writing the ordinal numbers.

1st	first	first	
2nd	second	second	
3rd	third	third	
4th	fourth	fourth	
5th	fifth	fifth	
6th	sixth	sixth	
7th	seventh	seventh	
8th	eight	eight	
9th	ninth	ninth	
10th	tenth	tenth	

Ordinal numbers



1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th

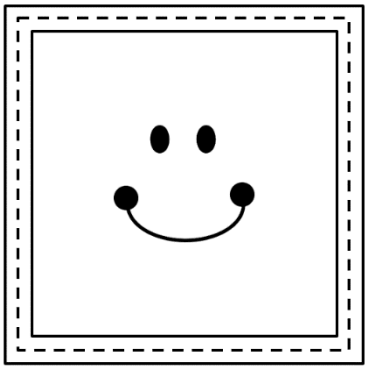
Look at the order of the pictures above and answer the questions.

The is	
The is	
The is	
The is	
The is	
The is	
The is	
The is	
The is	
The is	

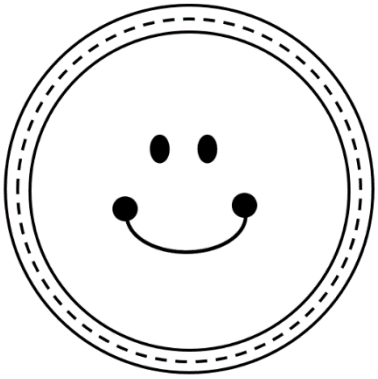
2D shapes

Practice drawing the shapes.

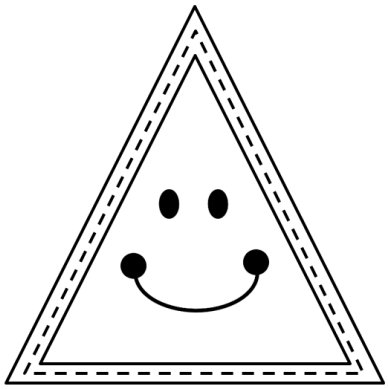
Practice writing the names of the shapes.



square



circle

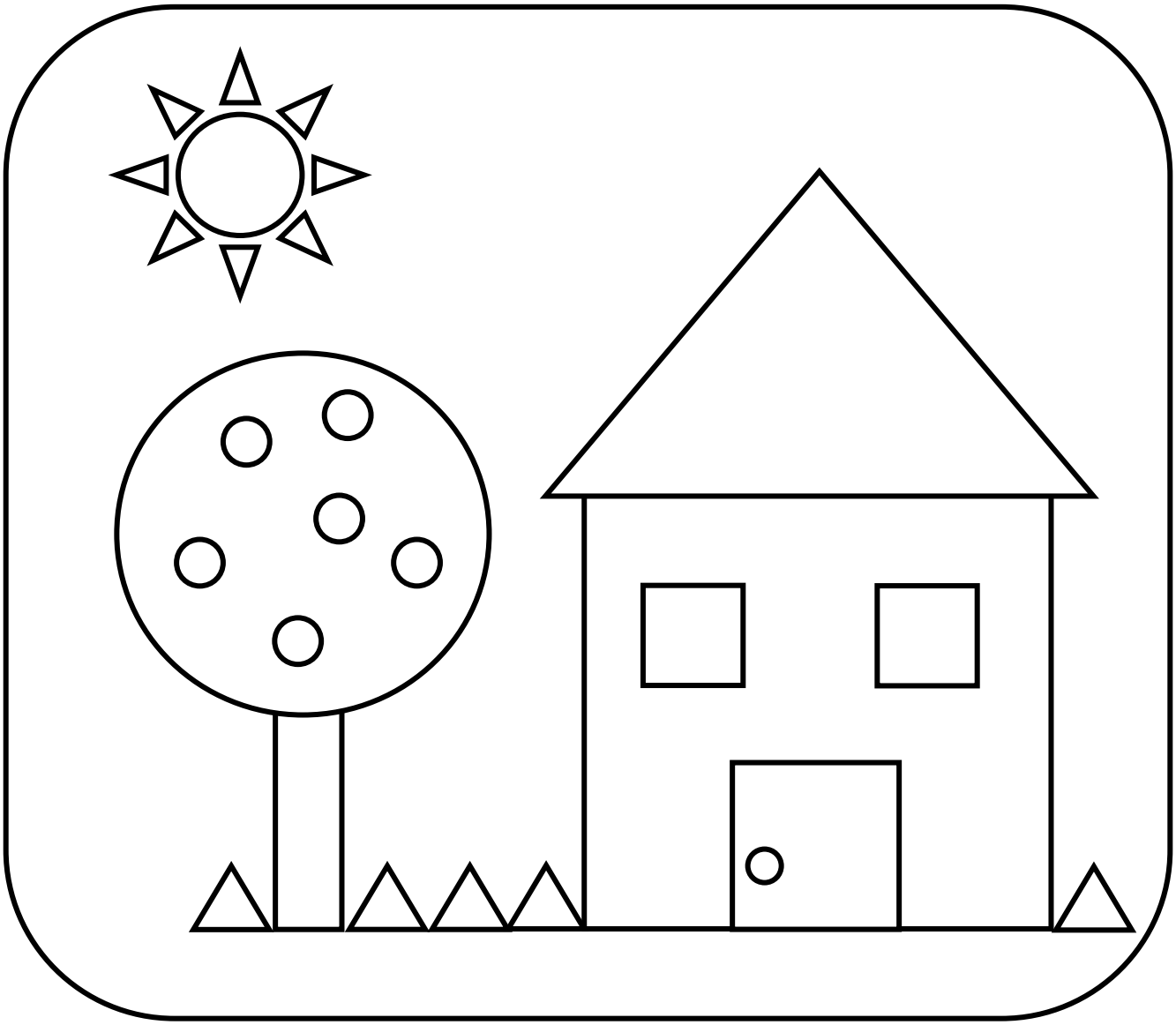


triangle

2D shapes

Count the shapes in the picture.
Colour the shapes the following ways:

- circle – blue
- square - red
- triangle – yellow

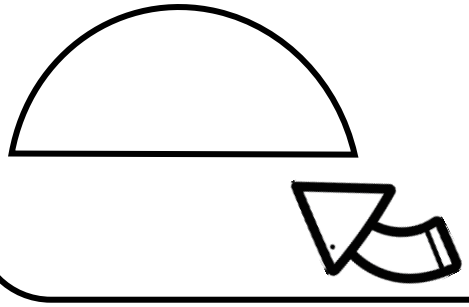


How many shapes did you count?

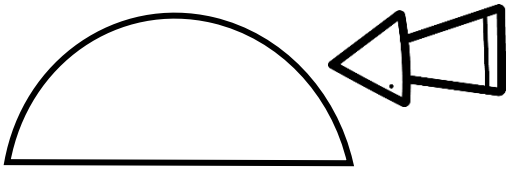
circle ☐ square ☐ triangle ☐

2D shapes – straight and round sides

straight side

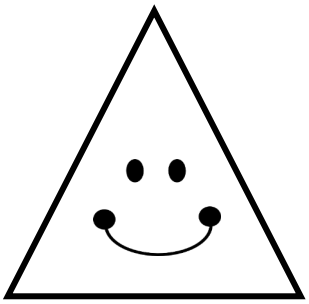


round side



Colour the shapes the following ways:

- Shapes with straight sides – green
- Shapes with round sides – purple



Draw a shape with:

straight sides

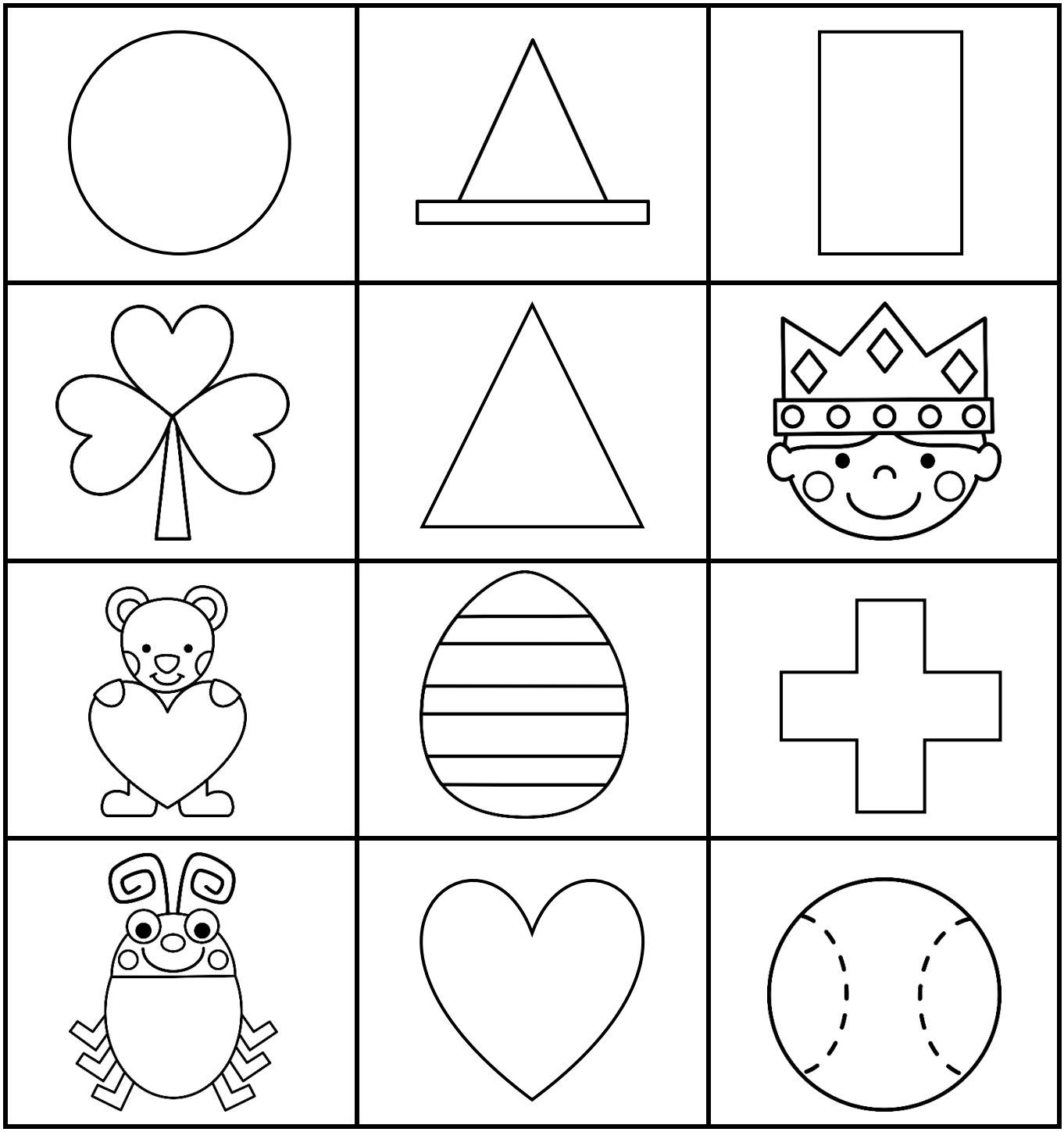
round sides

Symmetry

A line of symmetry divides a shape into two halves so that each half is a mirror-image reflection of the other.

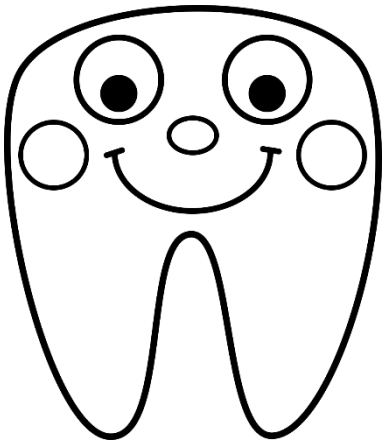
A shape has symmetry if you can fold it along the line of symmetry so that the two halves match exactly.

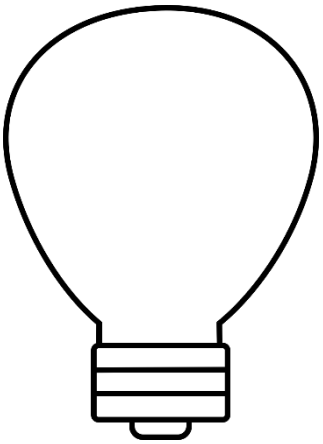
Draw a line of symmetry for the objects and shapes.

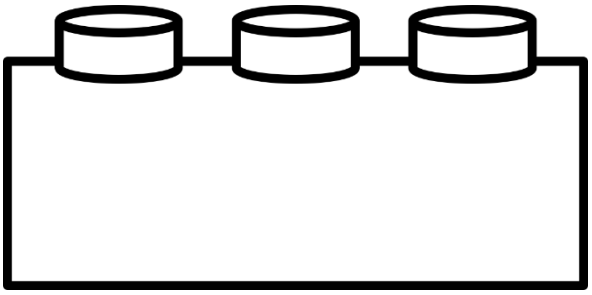


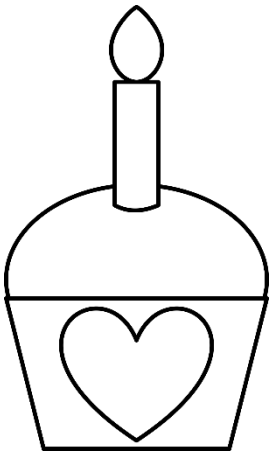
Symmetry

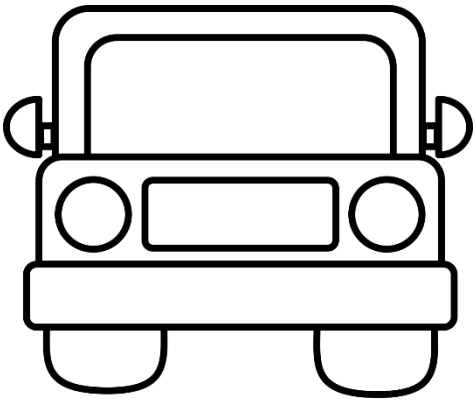
- Cut out the pictures on the next page.
- Fold the picture in half so that both sides look the same.
- Draw a dotted line with colour pencil on the line you folded.
- Paste the pictures in the blocks below.

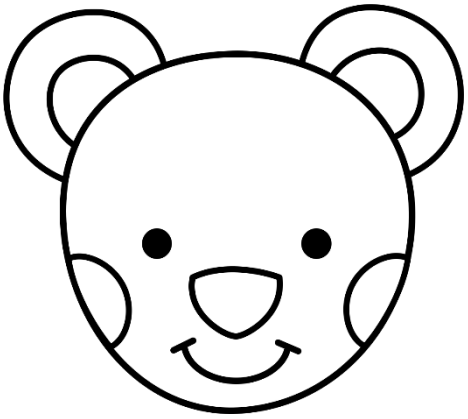






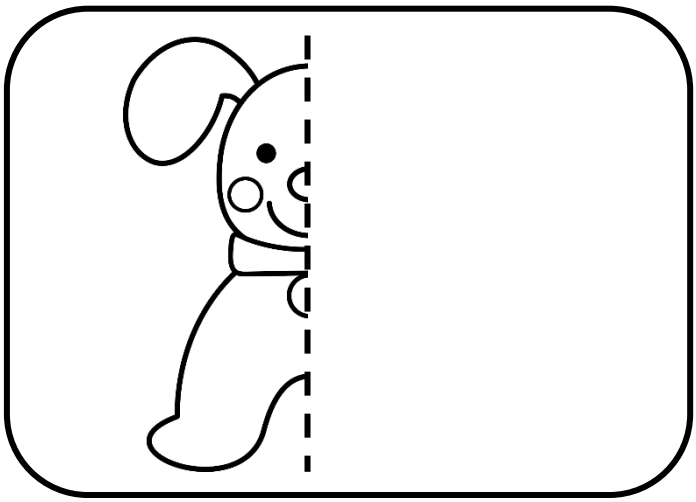


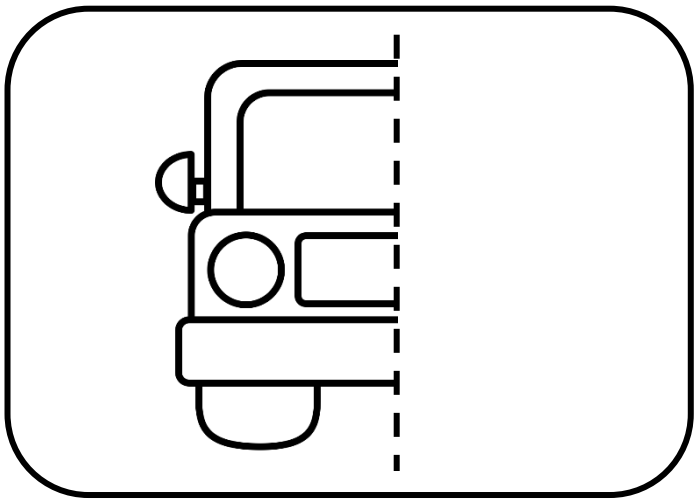


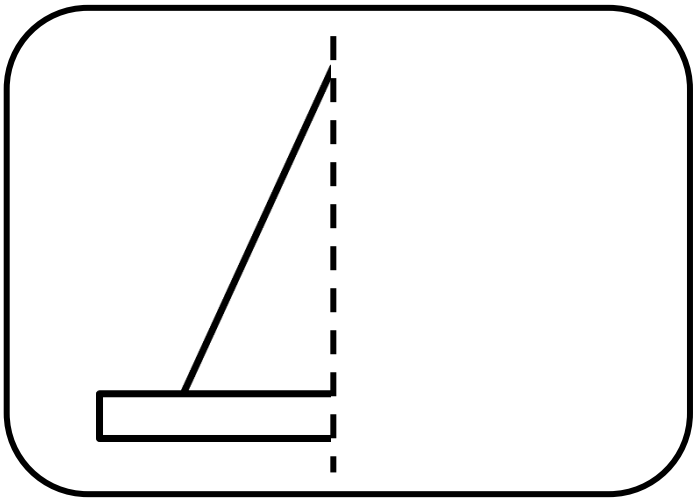


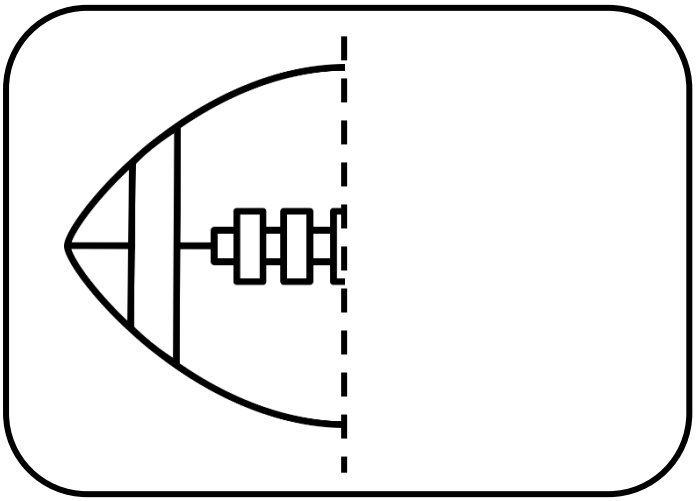
Symmetry

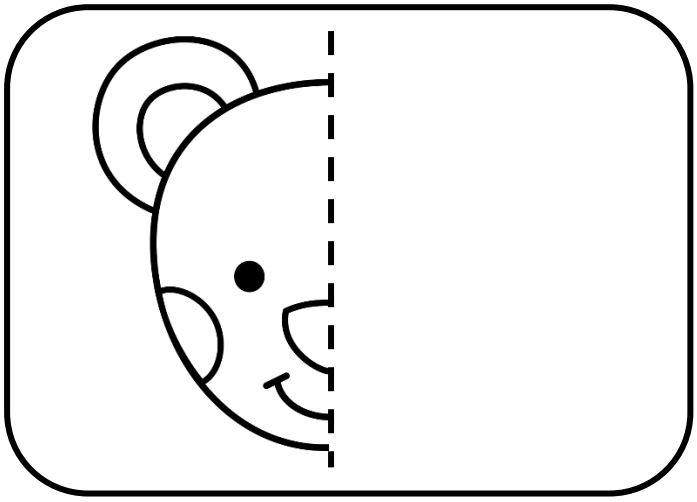
Draw the other half.

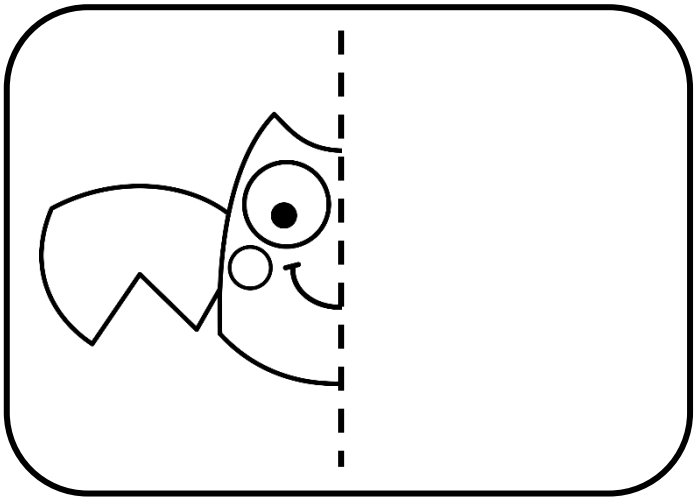






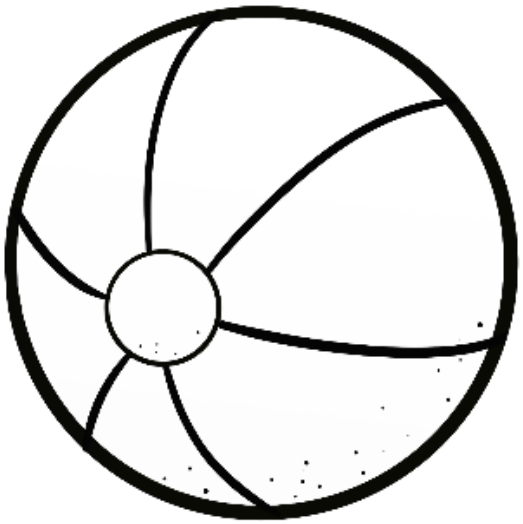






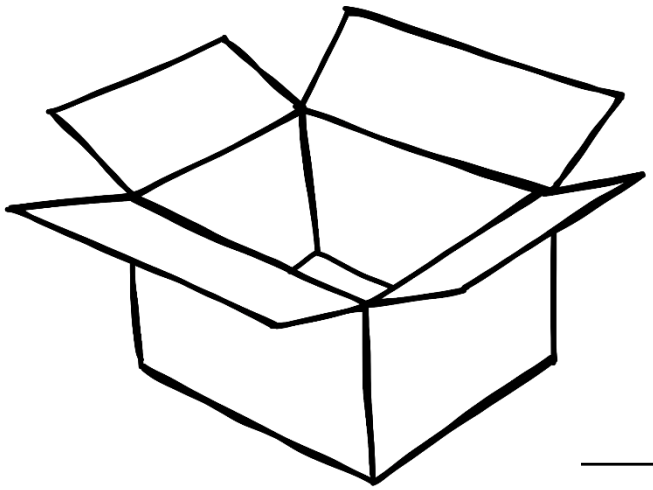
3D objects

Practice the words.



ball

ball



box

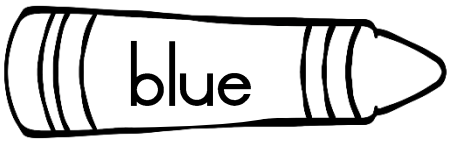
box

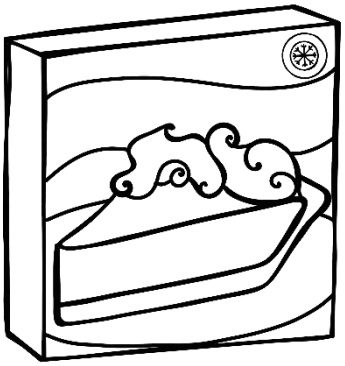
3D objects

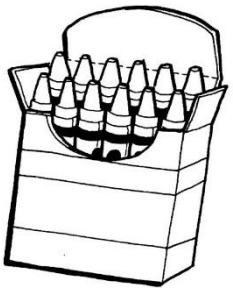
Colour the 3D objects as follow:

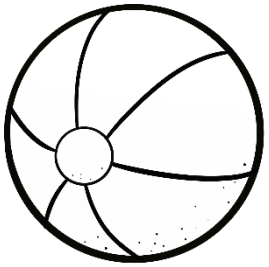
Objects that roll

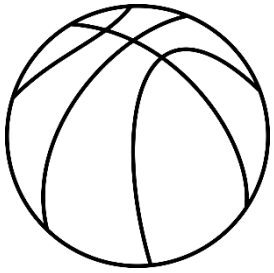
Objects that slide

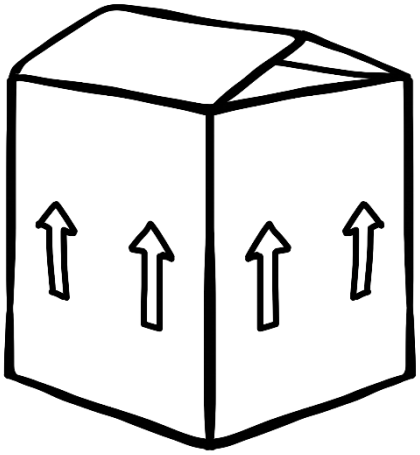


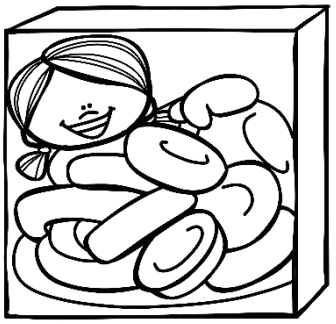


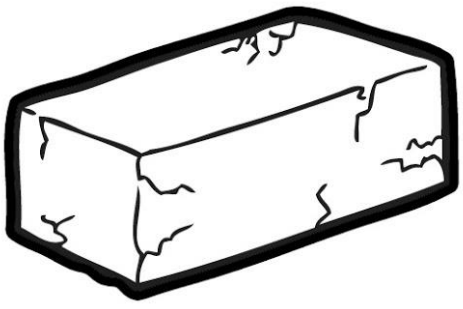


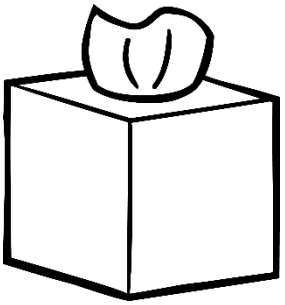












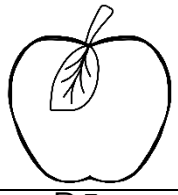
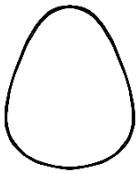
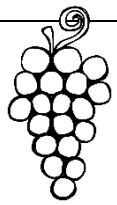
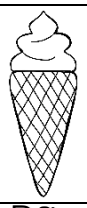
Money

Write the names of the different money.

5c, 10c, 20c, 50c, R1, R2, R5, R10 and R20

Money

Calculate how much it will cost. How many change will they receive?

					
R5	R3	R2	R5	R10	R9

Klara pays with R10.

How much will it cost?

_____ + _____ = _____

What is the difference?

_____ - _____ = _____

Klara will receive _____ change.

Jana pays with R20.

How much will it cost?

_____ + _____ = _____

What is the difference?

_____ - _____ = _____

Jana will receive _____ change.

Ben pays with R15.

How much will it cost?

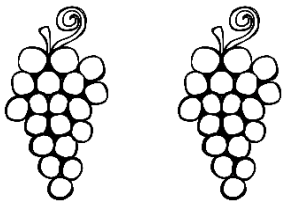
_____ + _____ = _____

What is the difference?

_____ - _____ = _____

Klara will receive _____ change.

David pays with R20.



How much will it cost?

_____ + _____ = _____

What is the difference?

_____ - _____ = _____

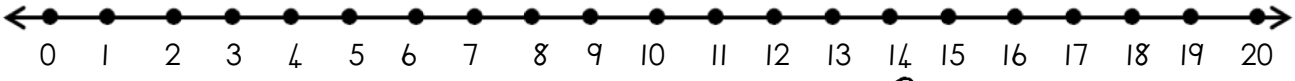
David will receive _____ change.

Problem solving

- Money –

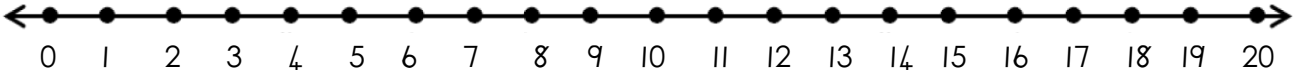
Read the word problems. Use the number line to work out the problem. Write a number sentence.

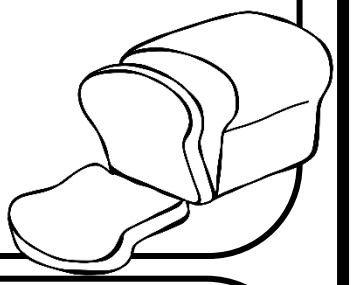
It was Jana's birthday on Sunday. She received R10 from her aunt, R2 from her brother and R5 from her sister. Hom much money did she receive?



Number line: _____

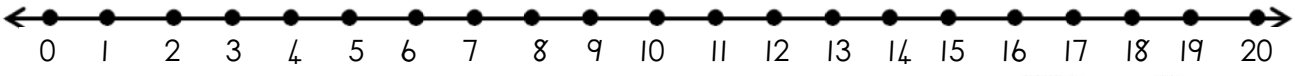
John buys a bread for R8. He pays with a R10. How much change will he receive?





Number line: _____

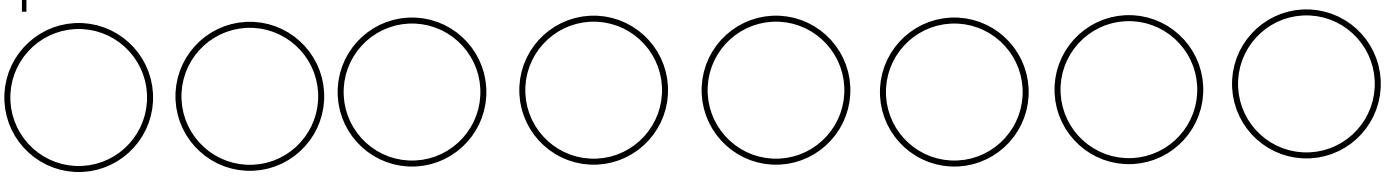
Sarah buys a scarf of R12 for her mother. She pays with 2 R10 notes. How much change will she receive?



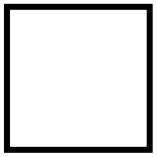
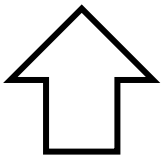
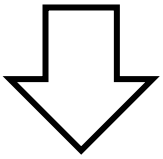
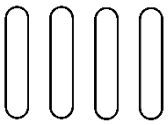
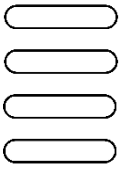
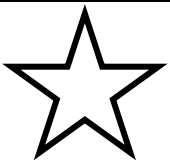
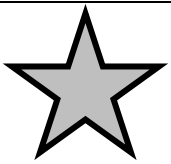
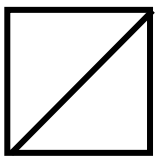
Number line: _____

Geometric patterns

Colour the circles with different colours to create a pattern.

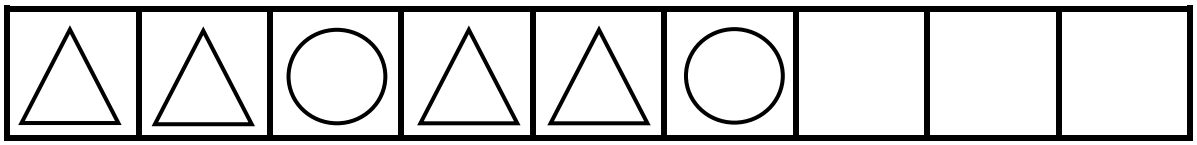


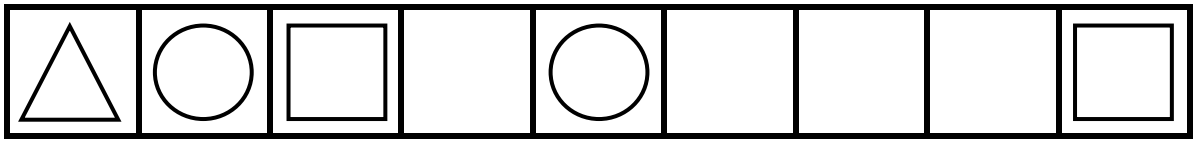
Complete the patterns.

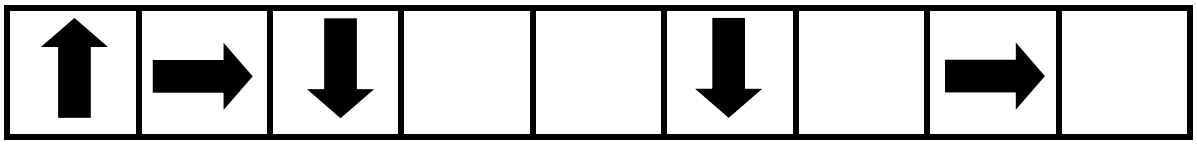
					
					
					
					
					

Geometric patterns

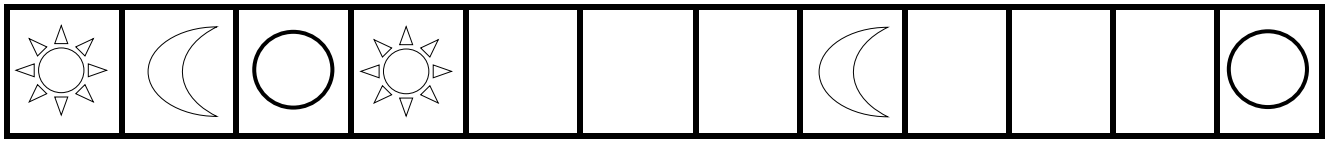
Complete the patterns.





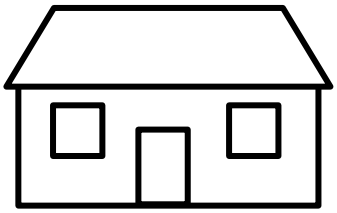


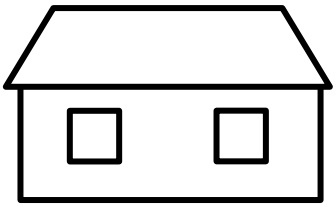
A	B	C	A	B	C						

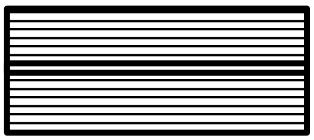


Create your own patterns by using circles, squares or triangles. Use different colours.

Views

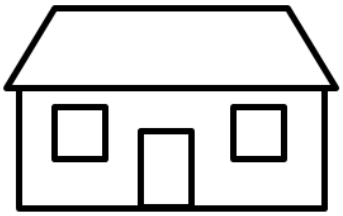

front view

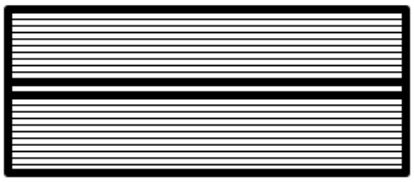

back view


top view

side view

Colour the correct view of the house.





front
top
side

front
top
side

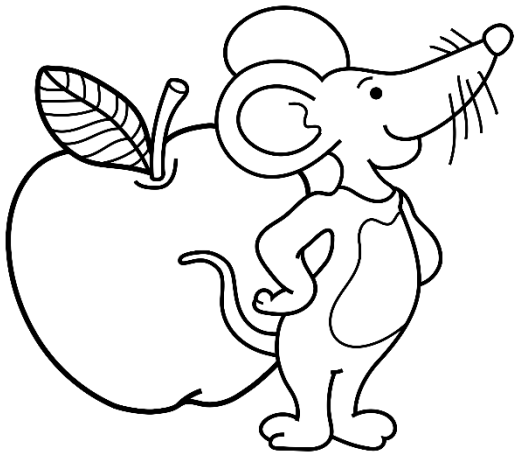
front
top
side

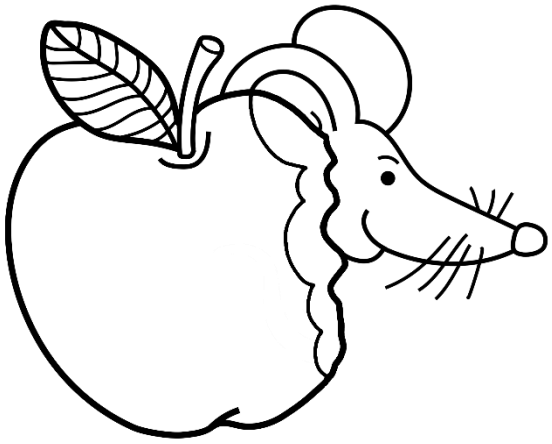
front top side

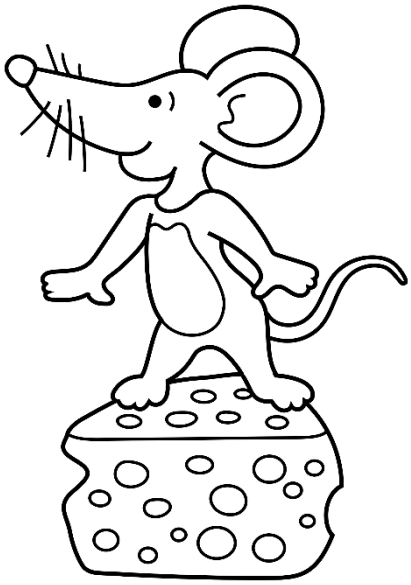
Where is the mouse?

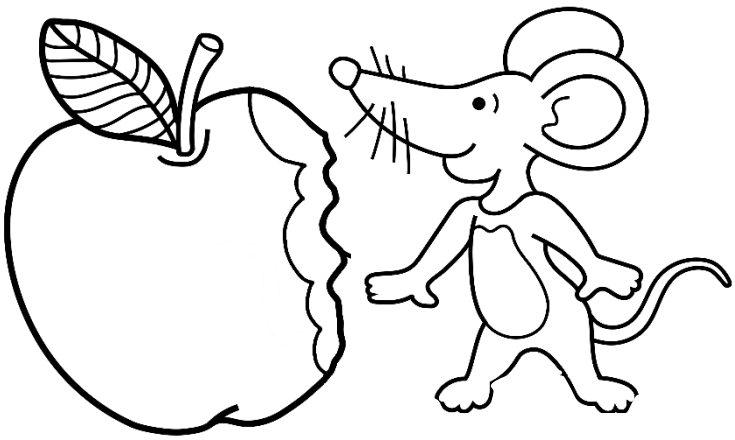
Use the words in the blocks.

in front	behind	next to	on top

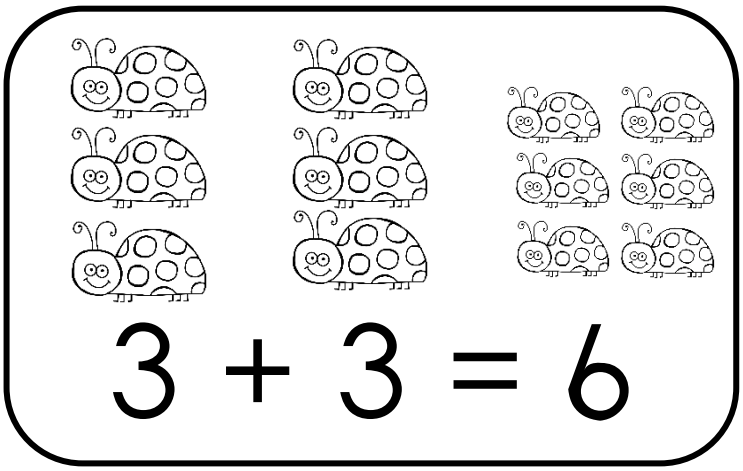






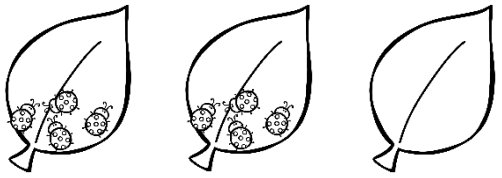


Double



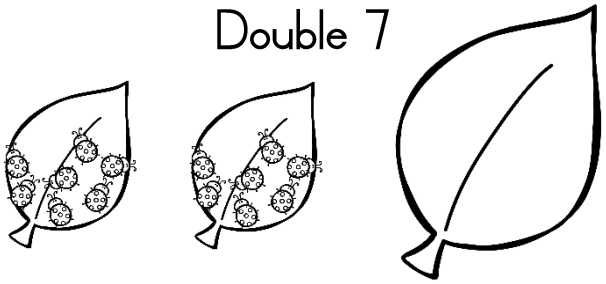
Double the ladybugs and draw it on the empty leaf.

Double 4



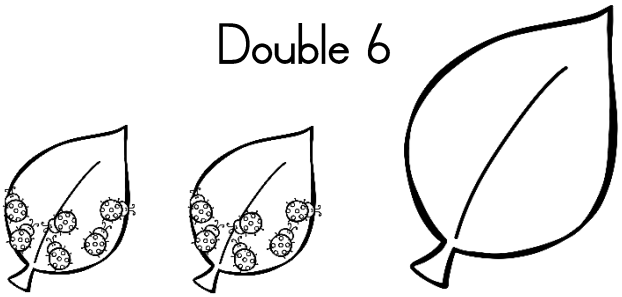
_____ + _____ = _____

Double 7



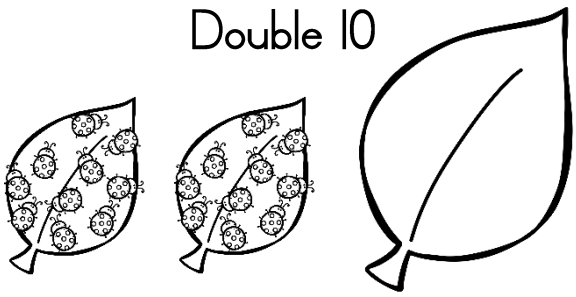
_____ + _____ = _____

Double 6



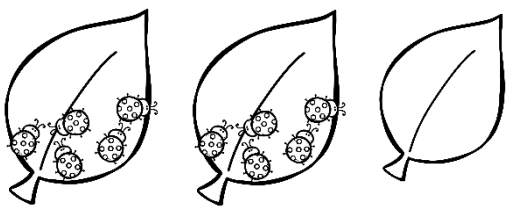
_____ + _____ = _____

Double 10



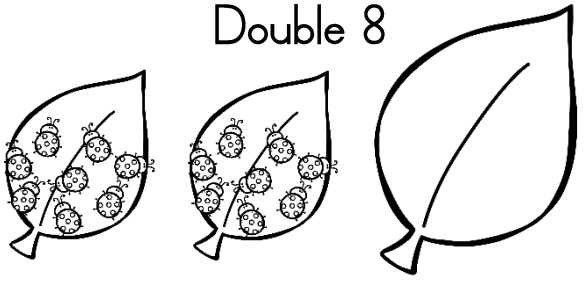
_____ + _____ = _____

Double 5



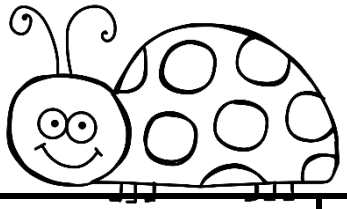
_____ + _____ = _____

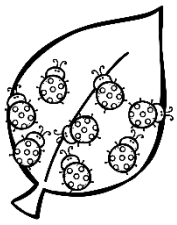
Double 8



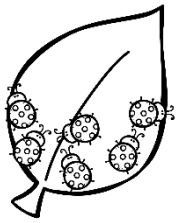
_____ + _____ = _____

Half

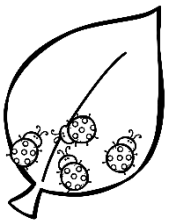




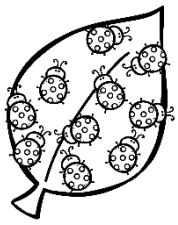
Half of 8 is



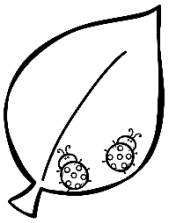
Half of 6 is



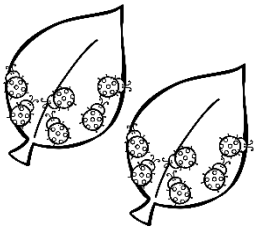
Half of 4 is



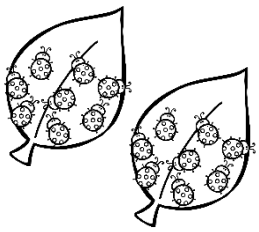
Half of 10 is



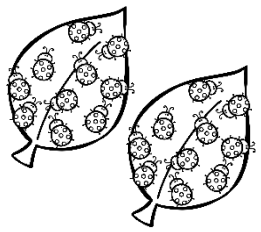
Half of 2 is



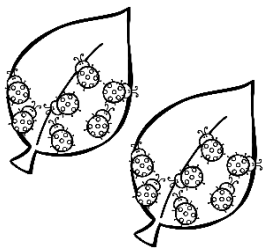
Half of 12 is



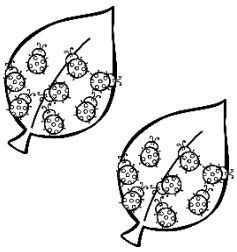
Half of 16 is



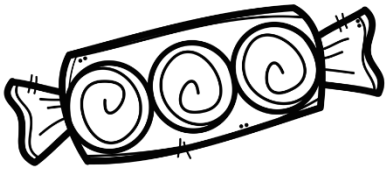
Half of 20 is



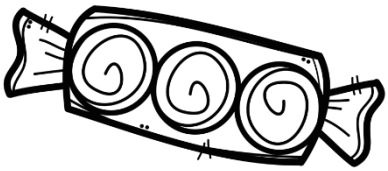
Half of 14 is



Half of 18 is

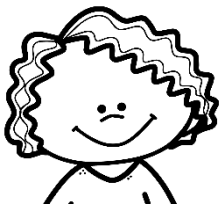


Divide



Divide the sweets equally between the children.

4 sweets



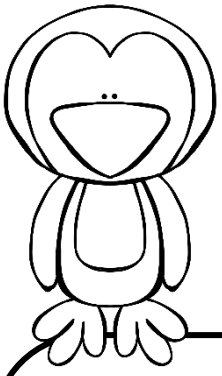
How many sweets will each child get? _____

6 sweets

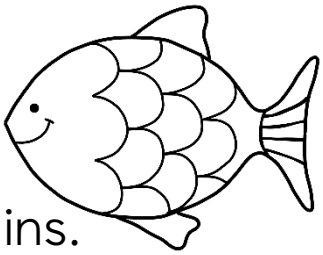
How many sweets will each child get? _____

9 sweets

How many sweets will each child get? _____

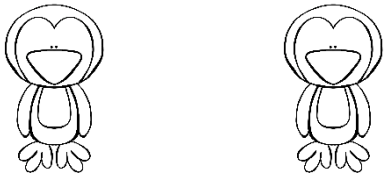


Division with a remainder



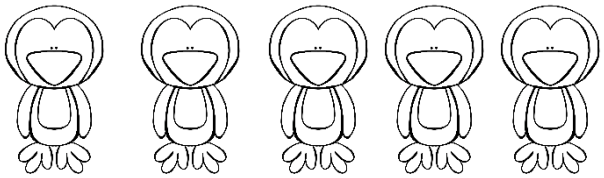
Divide the fish between the penguins.
How many fish are left?

5 fish



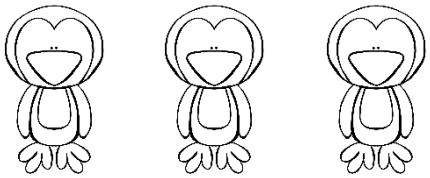
How many fish are left? _____

11 fish



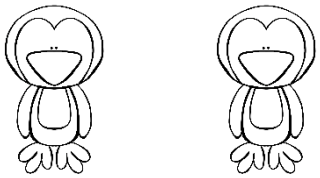
How many fish are left? _____

7 fish



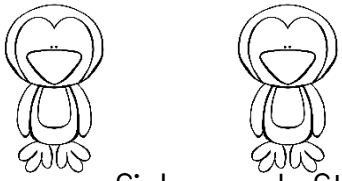
How many fish are left? _____

3 fish



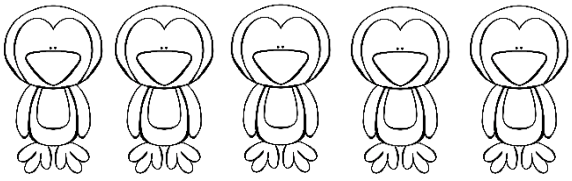
How many fish are left? _____

9 fish



How many fish are left? _____

16 fish

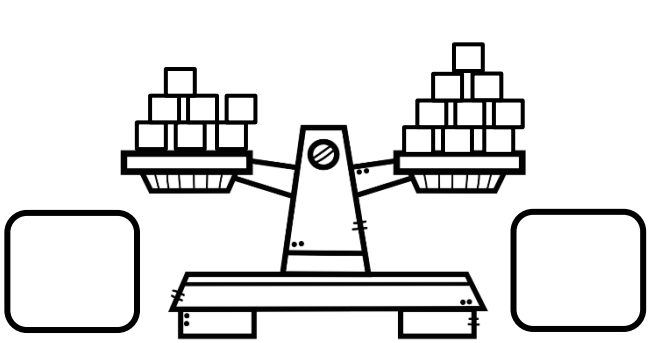


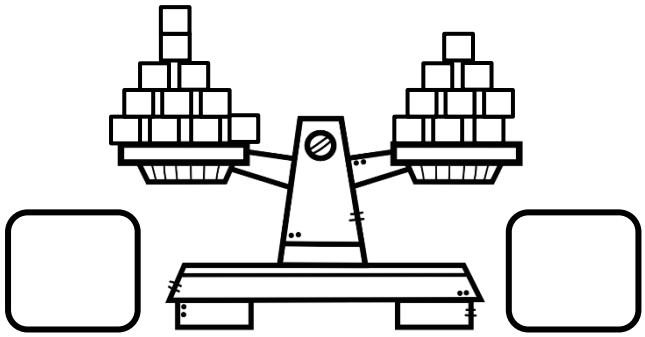
How many fish are left? _____

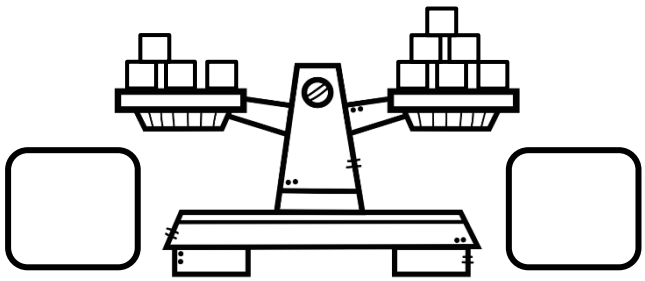
Mass

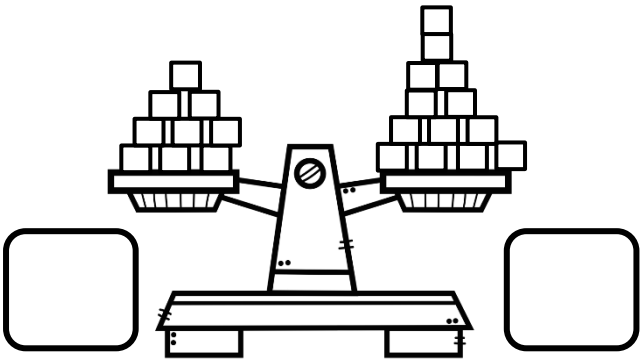
Count how many blocks are on each side.

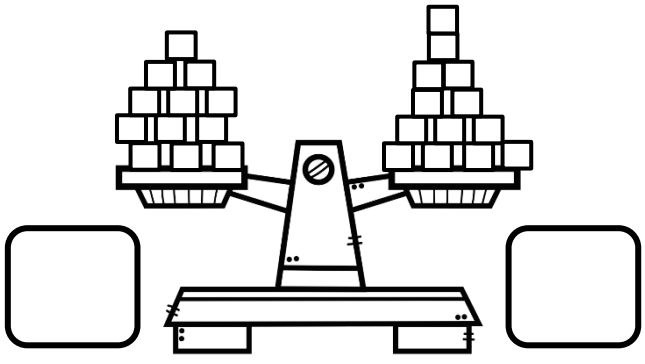
Colour the side which is the heaviest.

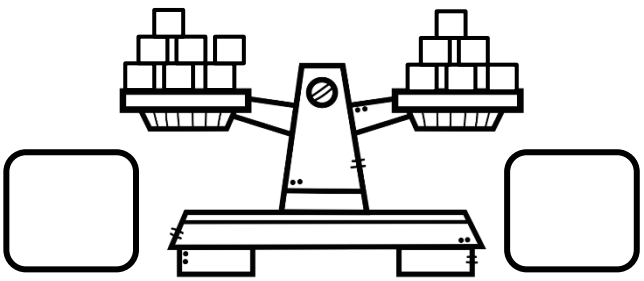


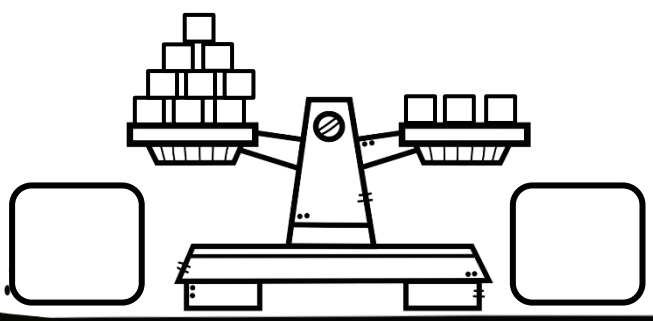


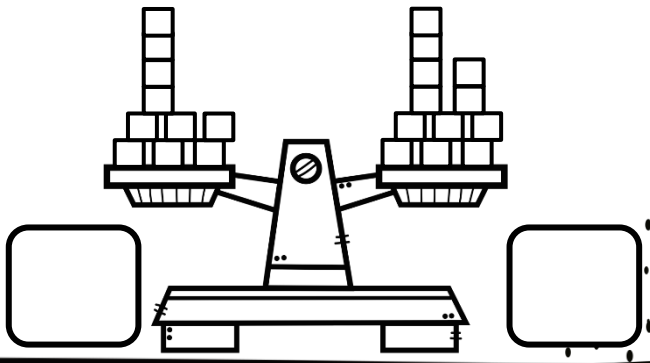








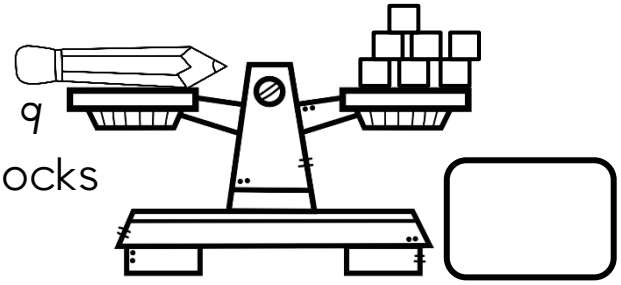




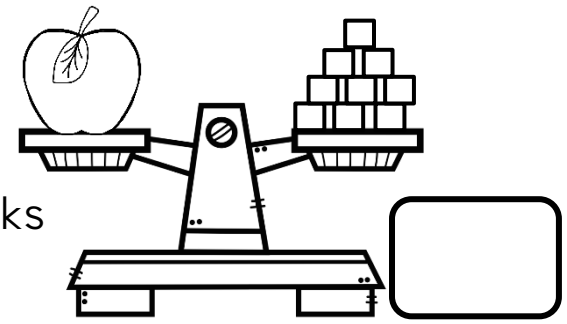
Mass

Count how many blocks there are. Then work out how many extra blocks are needed to balance the scale. We tell you how many squares the object weighs.

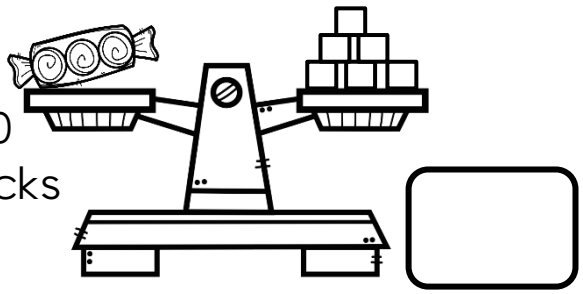
9 blocks



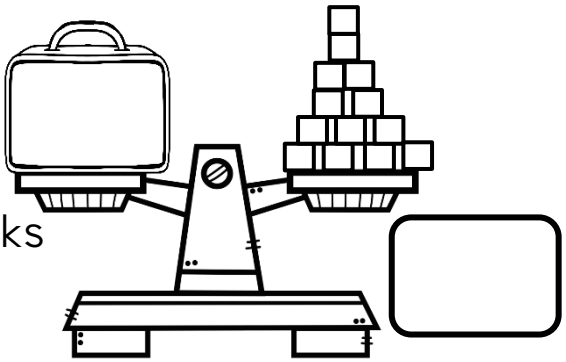
17 blocks



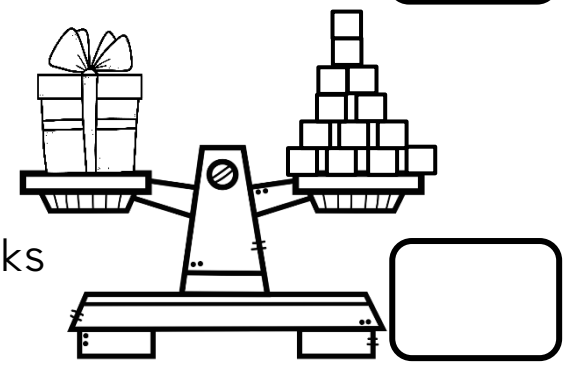
10 blocks



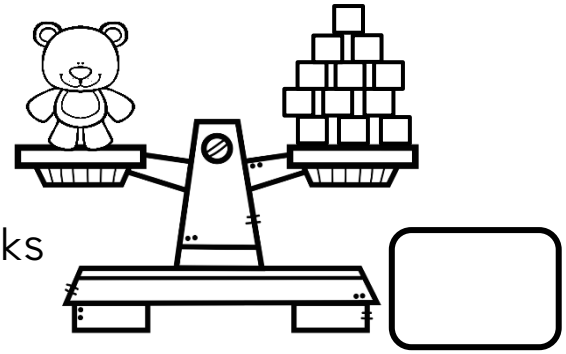
20 blocks



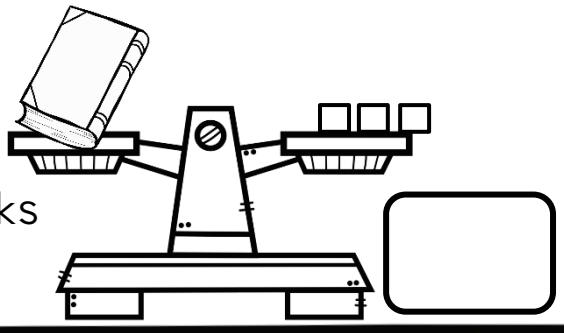
16 blocks



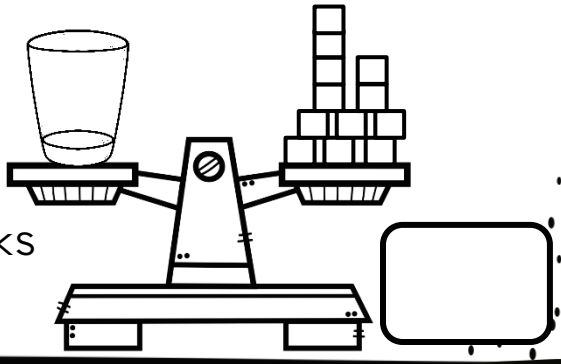
18 blocks



12 blocks

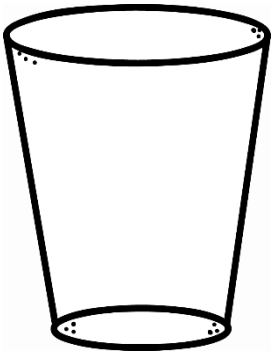


17 blocks

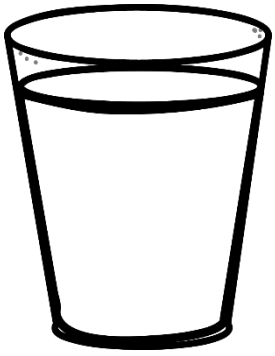


Capacity

Is the glass empty or full? Colour the correct answer.

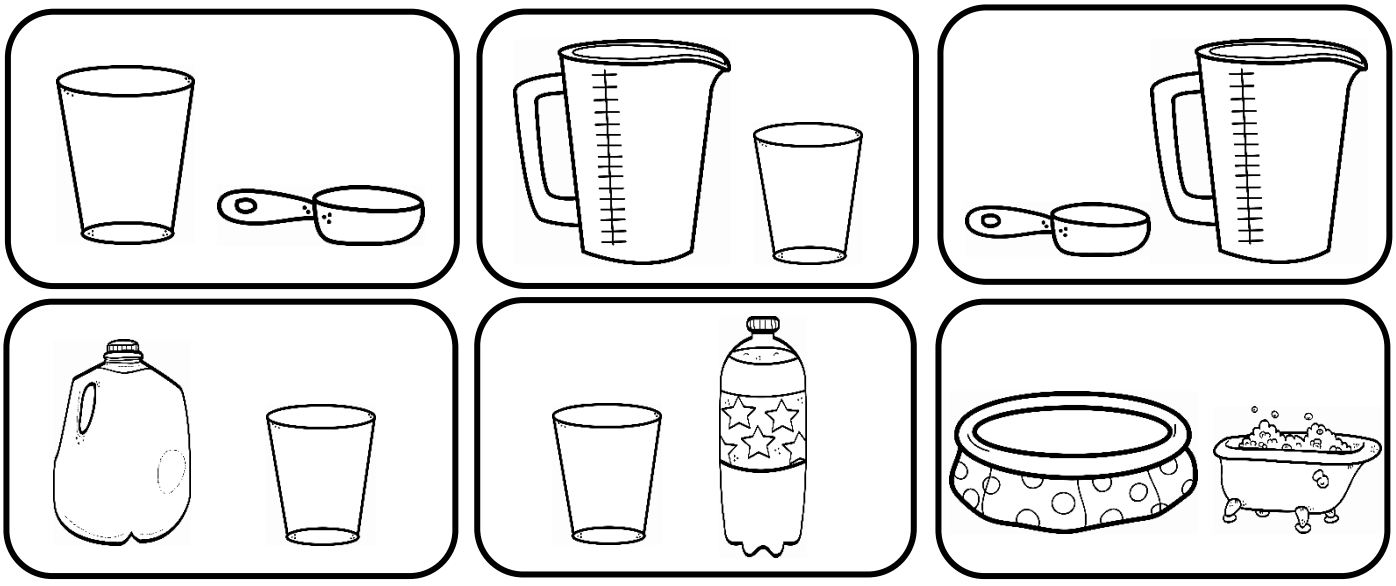


full
empty

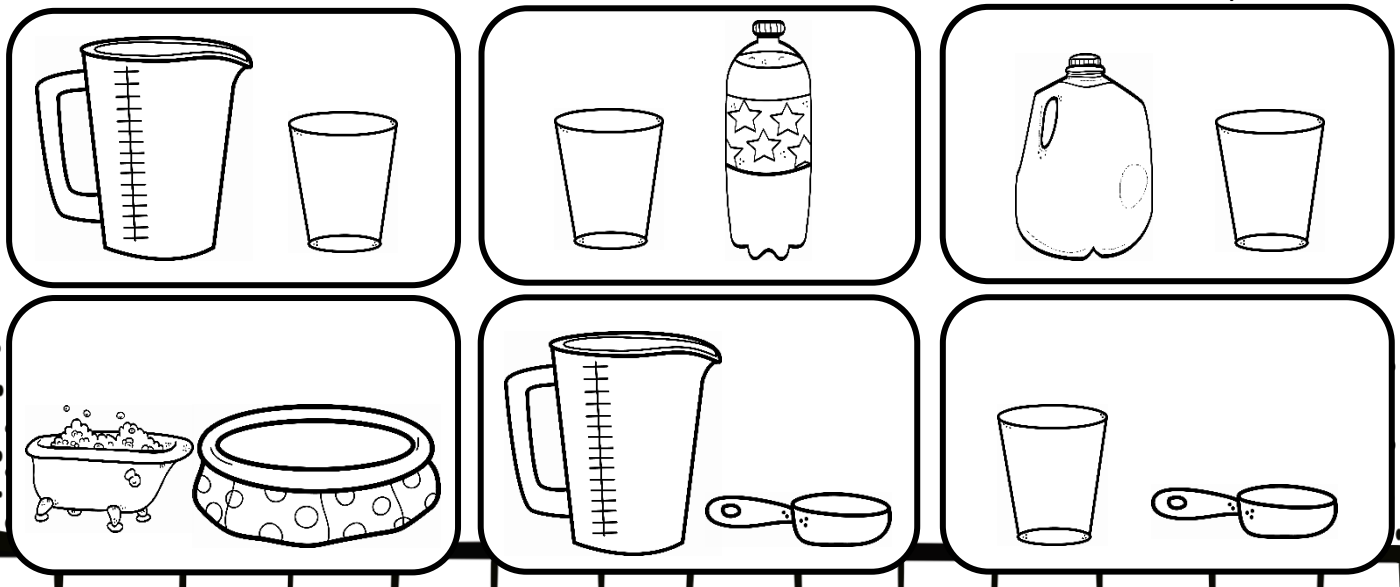


full
empty

Colour the container which can hold the **most** amount of liquid.

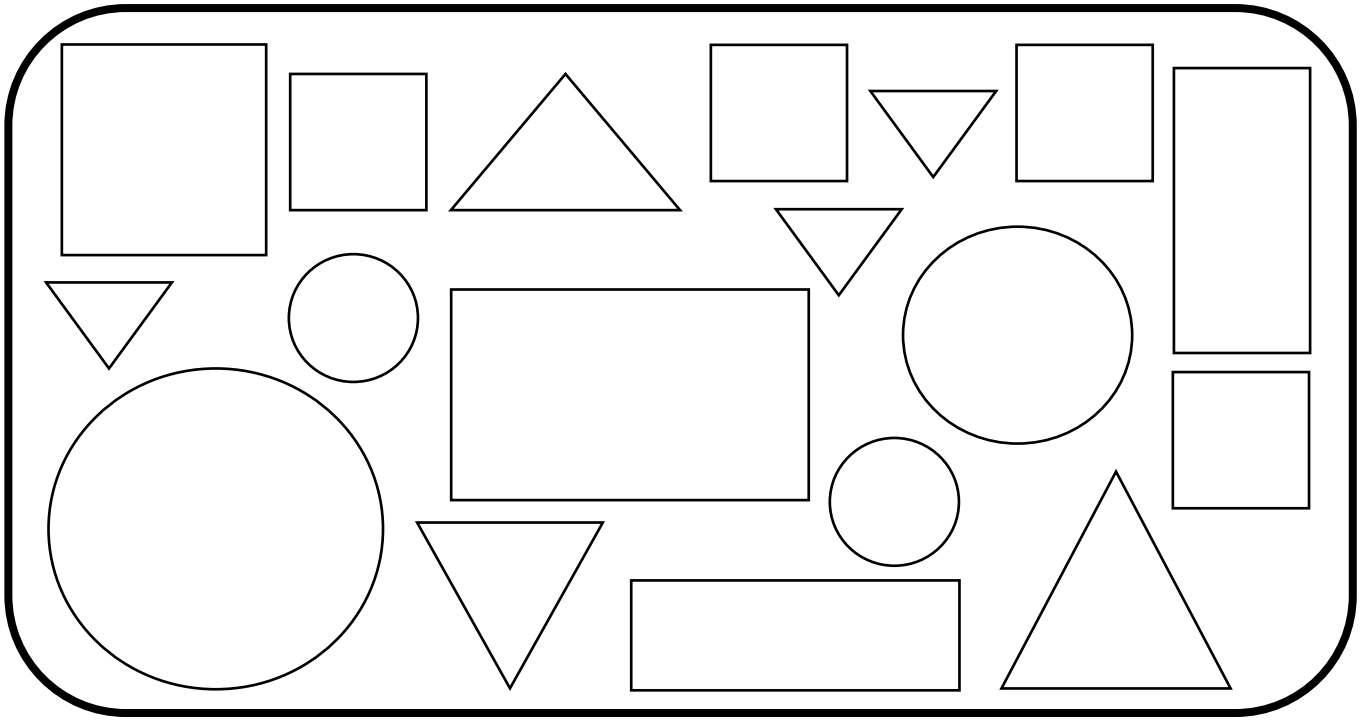


Colour the container which can hold the **least** amount of liquid.



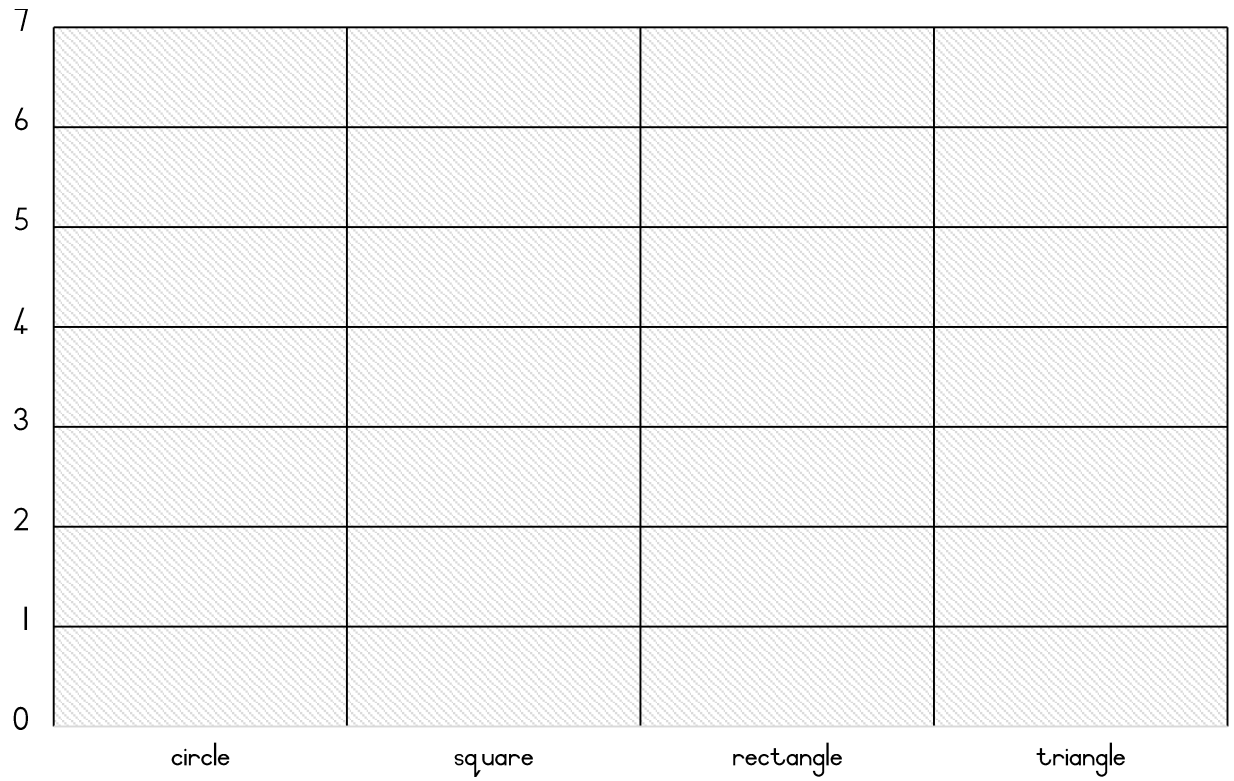
DATA

Count the shapes. Colour the amount in on the blocks of the graph.



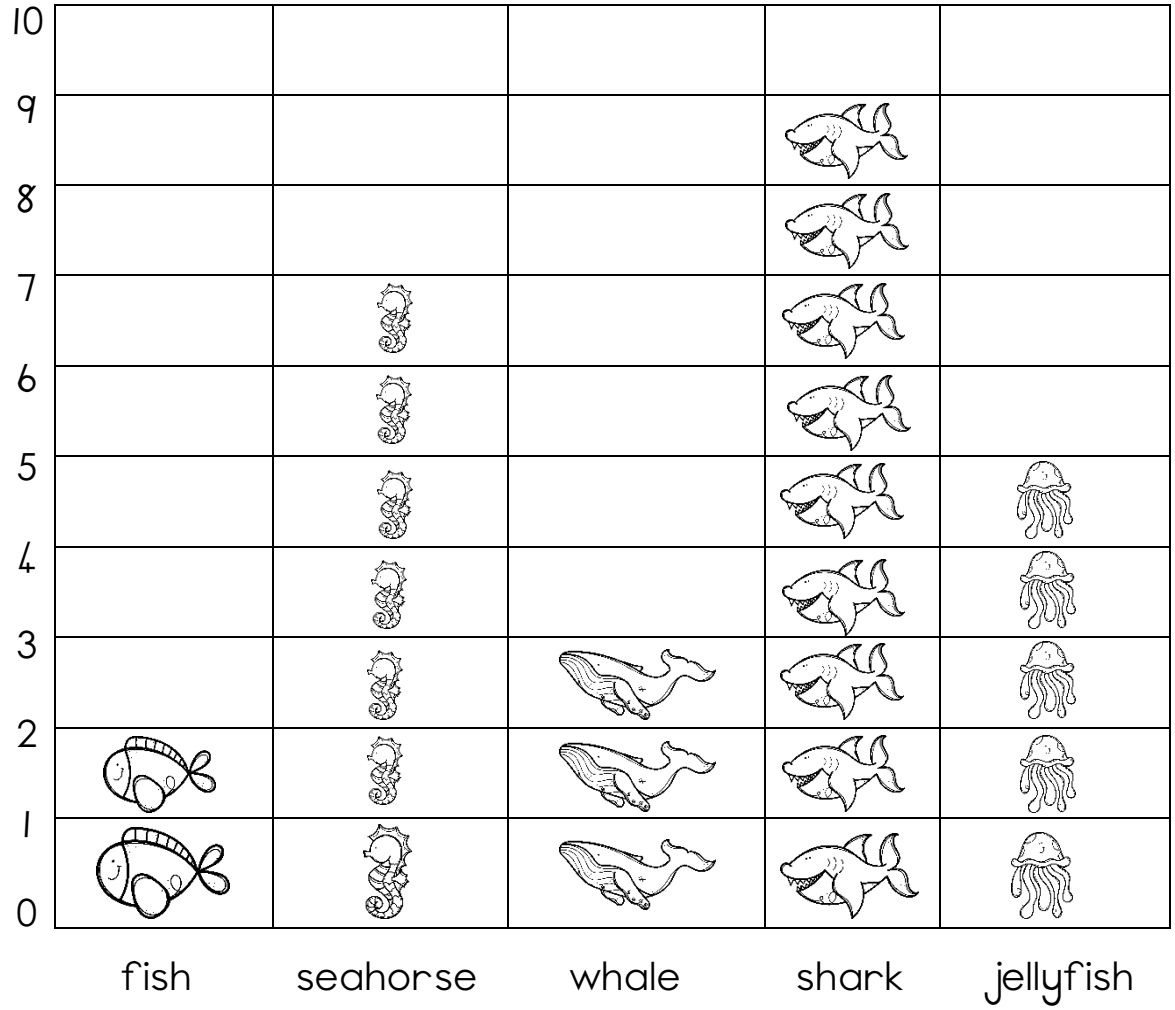
How many shapes do you count?

circle ☐ square ☐ triangle ☐ rectangle ☐



DATA with sea animals

Teacher made a graph to show which sea animals the learners in the class like the most. Answer the questions below.



How many children like fish? _____

How many children like a seahorse? _____

How many children like a whale? _____

How many children like a shark? _____

How many children like a jellyfish? _____

Which sea animal do the children like the **most**? _____

Which sea animal do the children like the **least**? _____