

Mighty Math

for 6-7 year olds
Advancing Mathematician



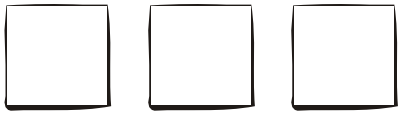
LET'S LEARN

MATHEMATICS

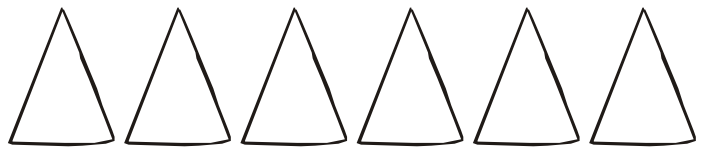
Kim Freeman

Part 1, Lets Learn Shapes

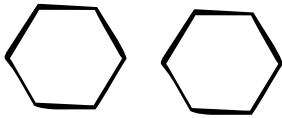
Shapes and Patterns.



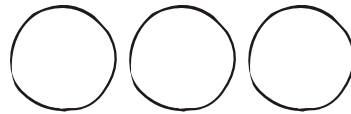
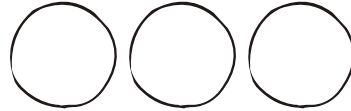
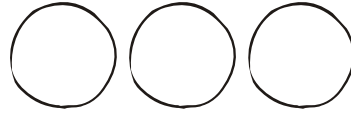
squares



triangles



hexagons



circles



pentagons



rectangles



octagons

There are triangles. A triangle has sides.

There are squares. A square has sides.

All sides of the square are the same

There are rectangles. A rectangle has sides.

There are pentagons. A pentagon has sides.

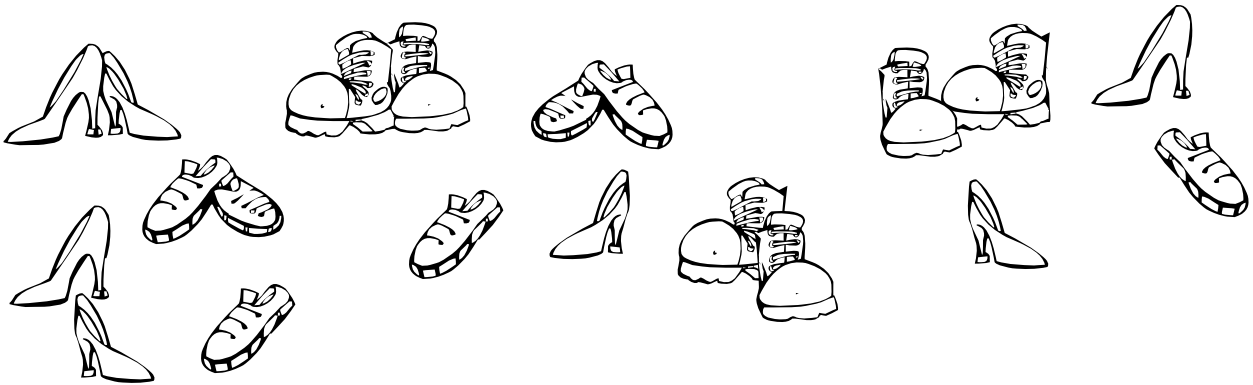
There are hexagons. A hexagon has sides.

There are octagons. An octagon has sides.

There are circles. A circle is round.

Finding a Match.

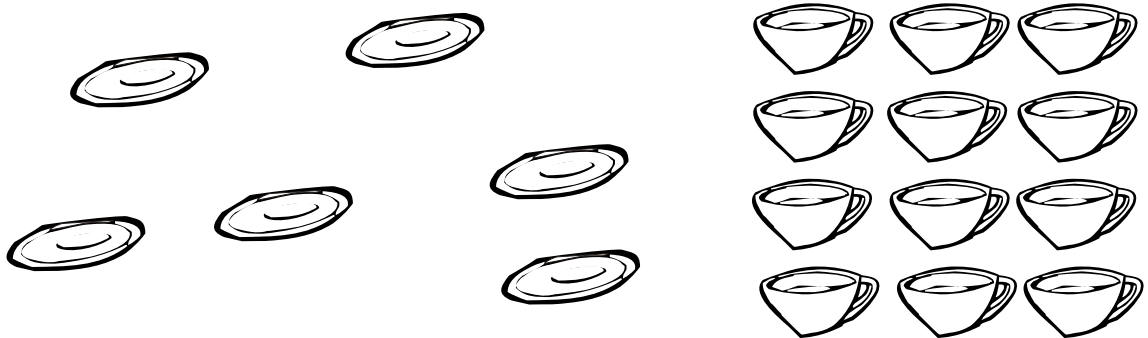
Colour the same shoes the same colour.



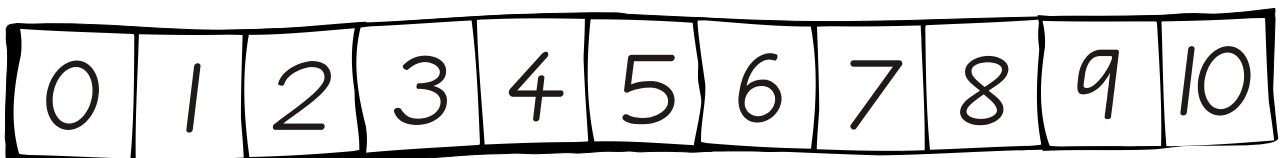
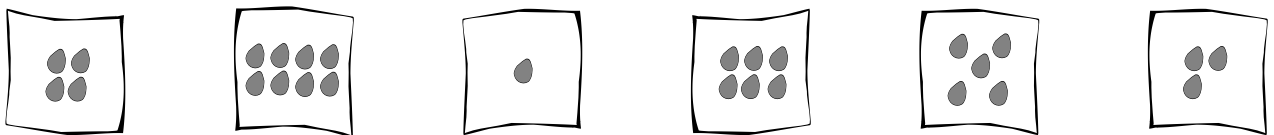
Put a cross through the car that does not match.



Colour as many cups as there are saucers.

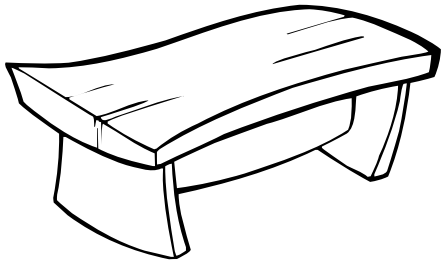
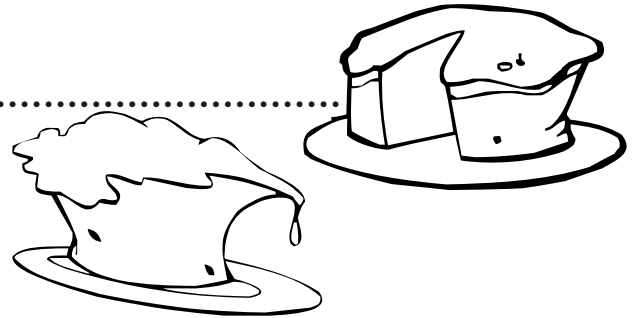


Join the pictures to the corresponding number on the number line.



Recognising Shapes.

A wedge is sliced out of a cake. The top of the wedge is shaped similar to a

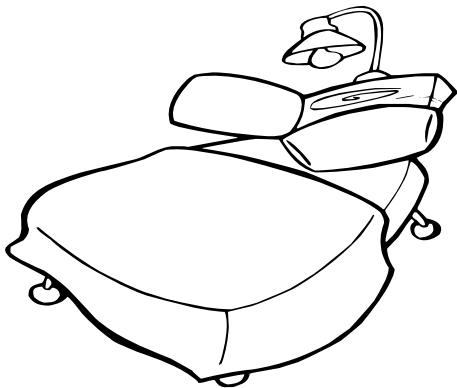
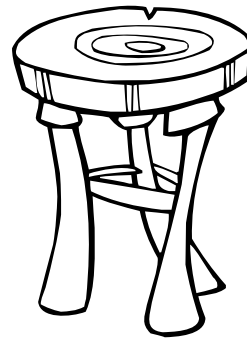


The top of this bench is shaped like

a

The top of this stool is shaped like

a



The top of your bed is shaped like

a

The sides of this picture frame are all the same length. Therefore the shape of the picture frame is a

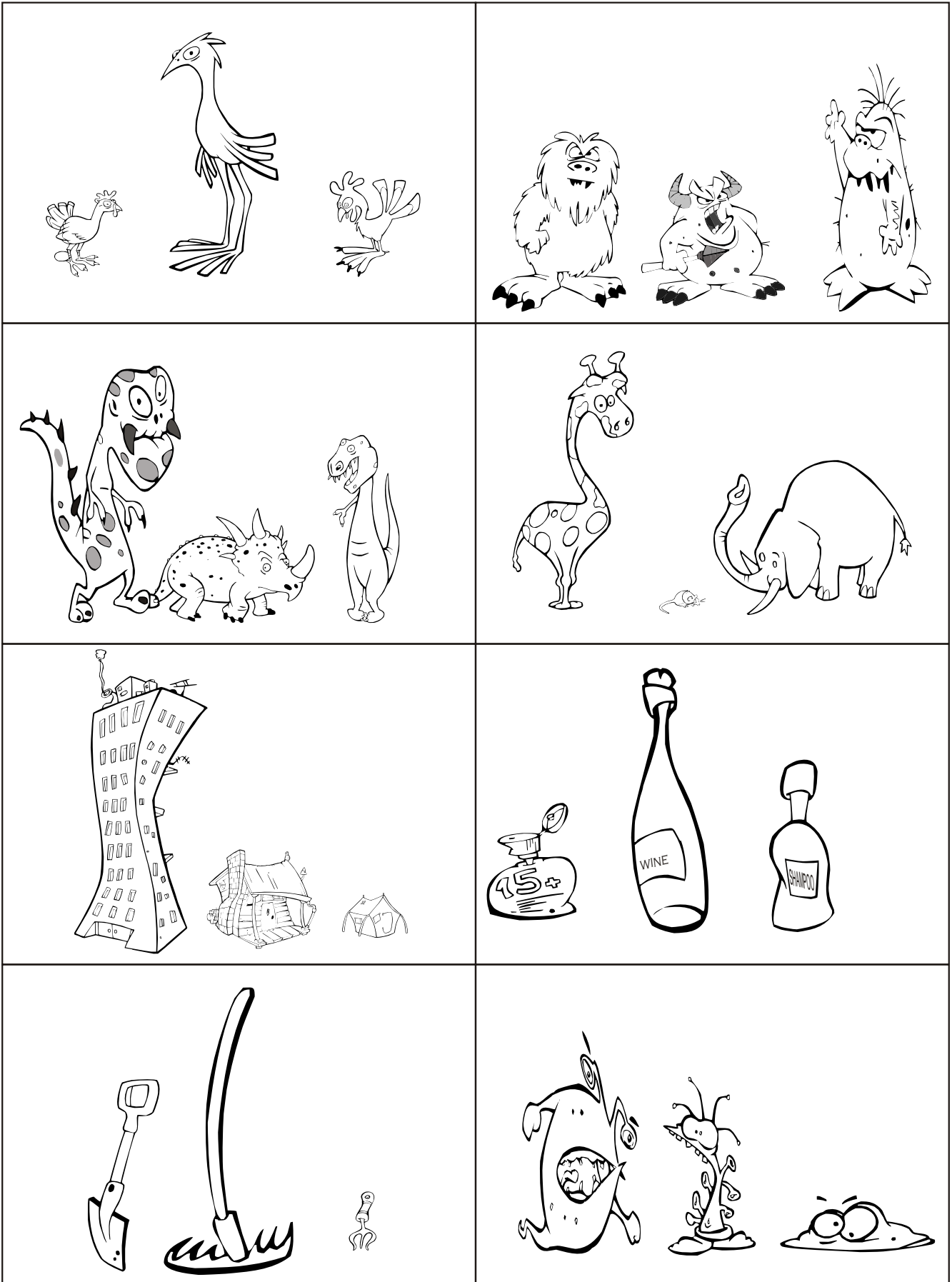


The front of this torch is shaped like

a

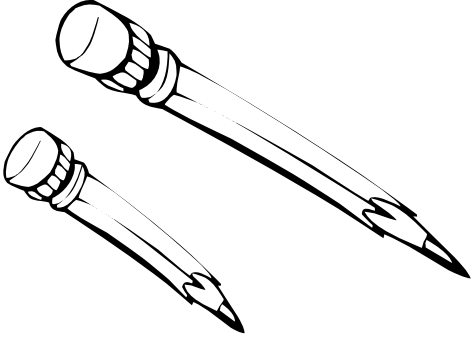
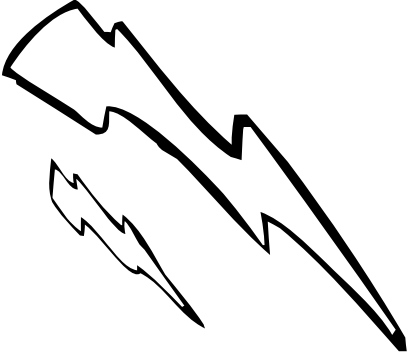

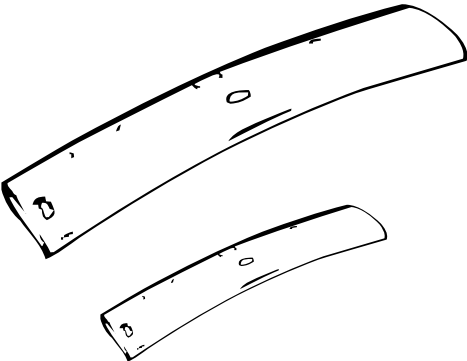
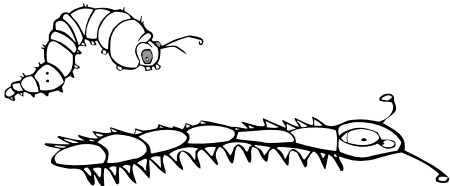
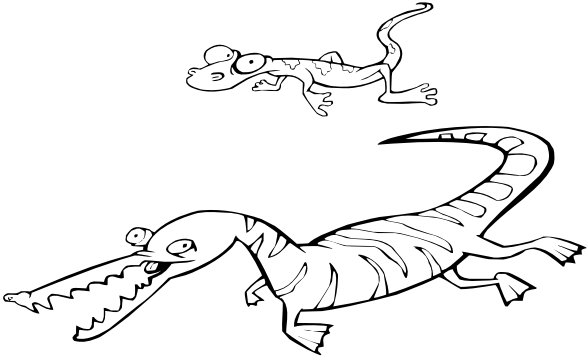
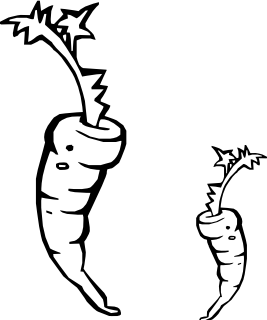

Estimating Height.

Circle the object that is taller.



Length.

Circle each object which is longer.

Graphs.

Stock at an electrical store.

Each picture represents one item held in the store.

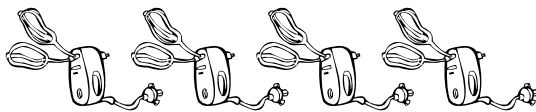
Irons



Kettles



Mixers



Phones



Alarm Clocks



Radios



How many irons?

There are kettles and mixers.

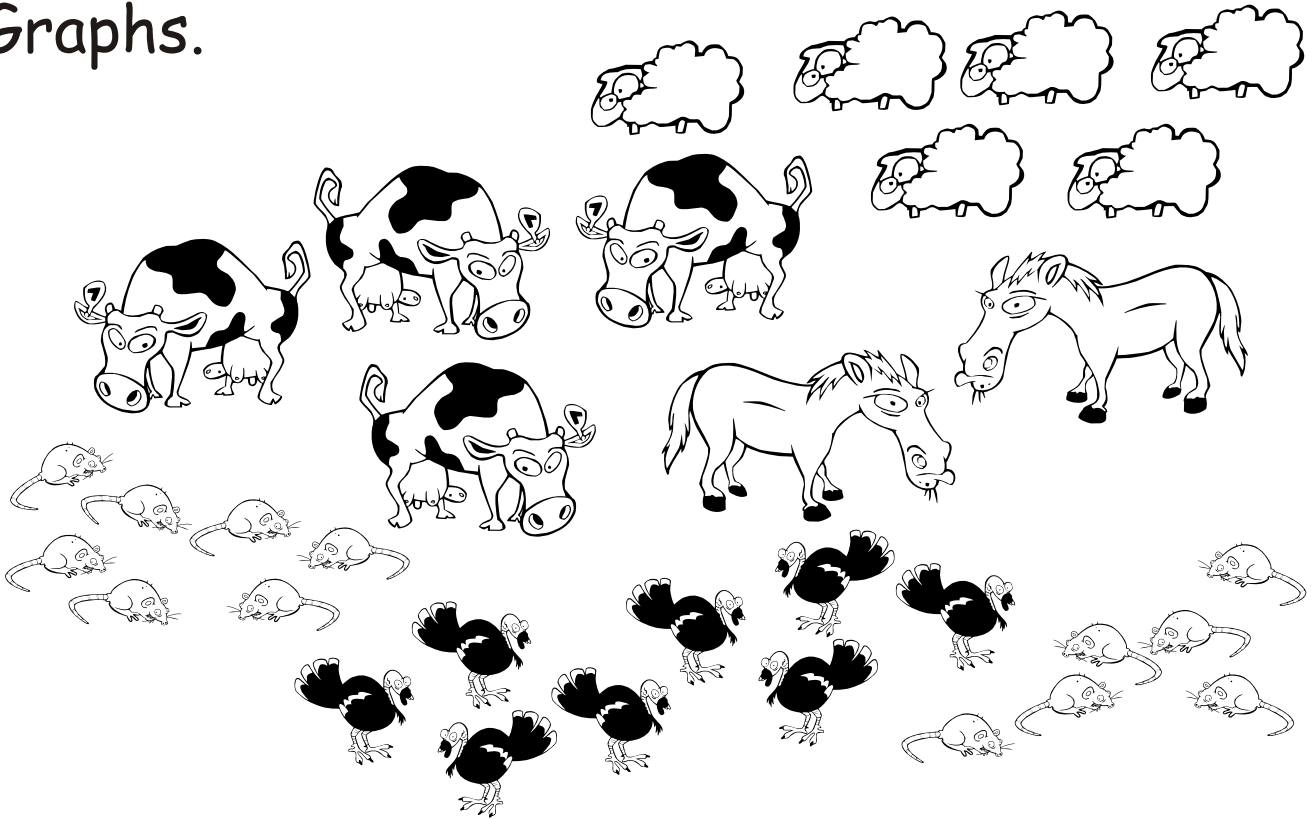
The most number of items in the store is

There are more alarm clocks than radios.

There are less mixers than kettles.

The shop buys 5 more radios. How many radios does it have in store now?

Graphs.



Mahobe Farm has all the animals above.
Draw a circle to represent each animal.

Turkeys ○○○○○○○○

Cows

Sheep

Mice

Horses





The most number of animals is

The least number of animals is

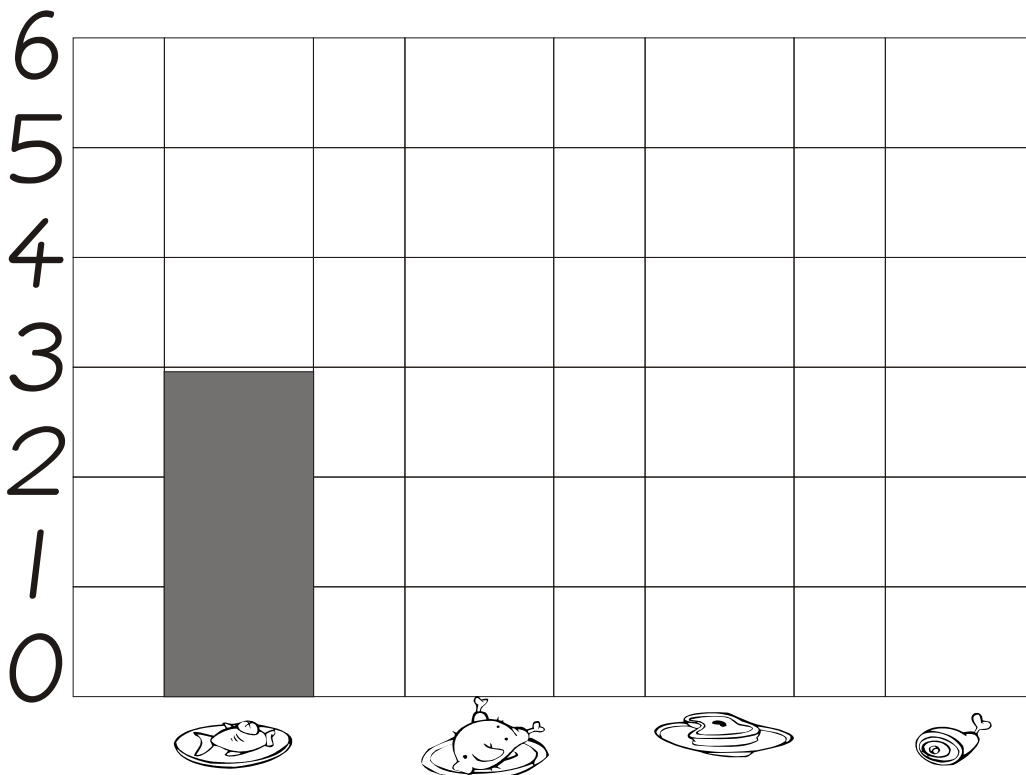
Altogether there are horses, cows and sheep.

Graphs.

A survey is taken out to determine which is the most popular meal. Complete the totals column of the results.

		Tallies	Totals
Fish		✓✓✓	3
Chicken		✓✓✓✓✓
Steak		✓✓✓✓✓✓
Ham		✓✓✓✓

Use the grid below to draw a bar graph of the survey results.



Combinations.

Below are different choices for a meal.

Write the different meals that can be chosen.

You must chose 1 item from each group.



Fish



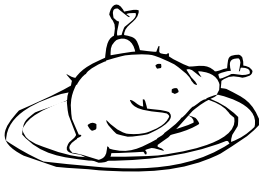
Ice Cream



Fries



Cake



Chicken



Grapes

Group 1

Group 2

Group 3

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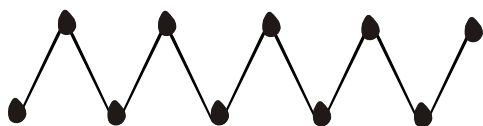
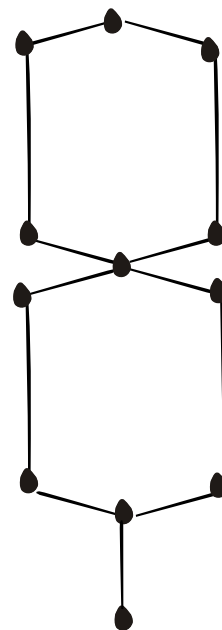
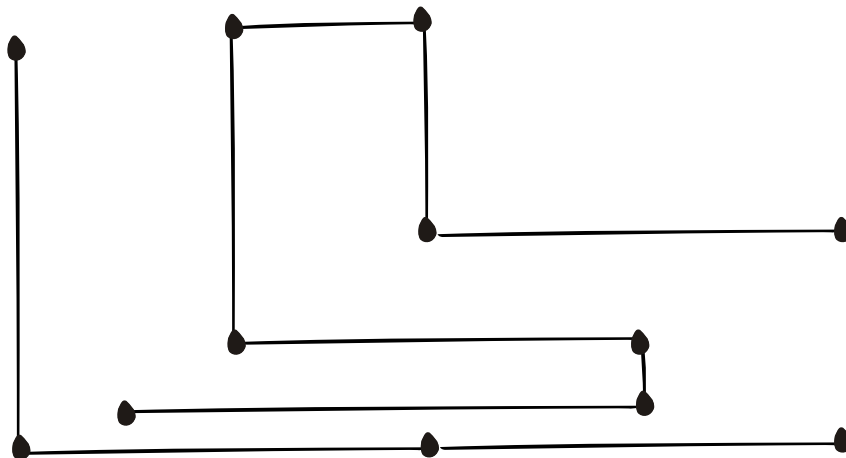
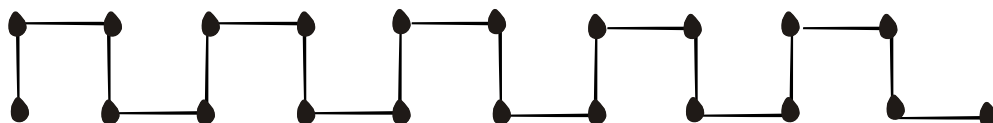
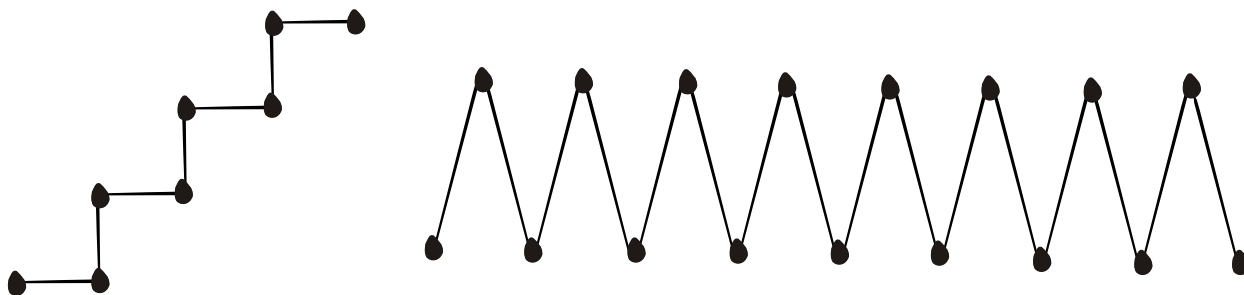
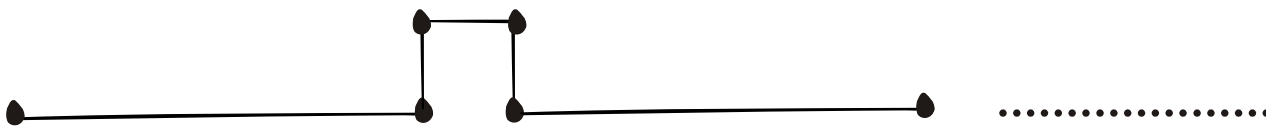
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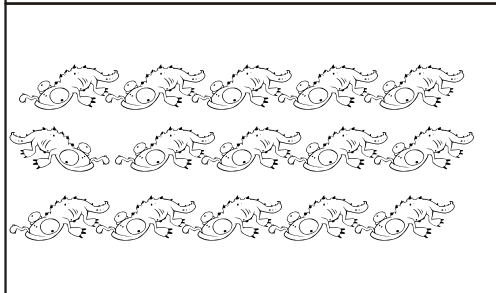
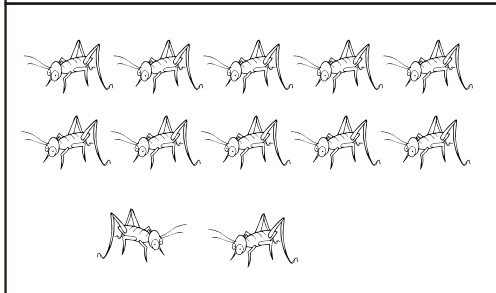
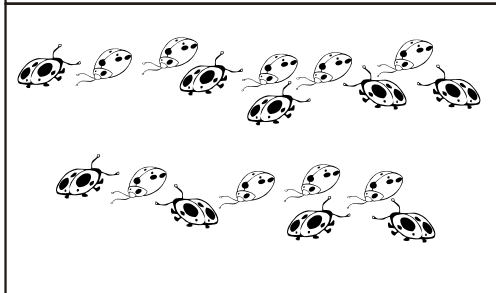
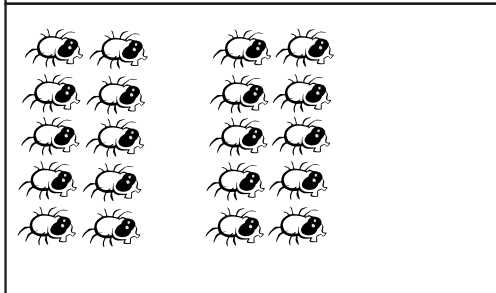
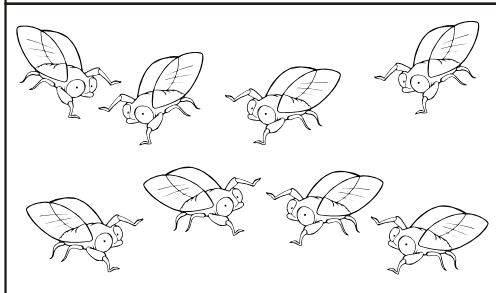
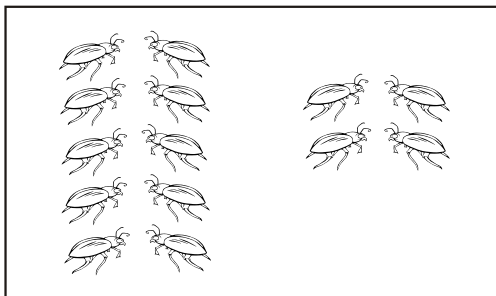
Counting to 20.

How many lines make up each shape?



Counting to 20.

Match each set with the correct number word.



five

nine

fourteen

twenty

eight

sixteen

eighteen

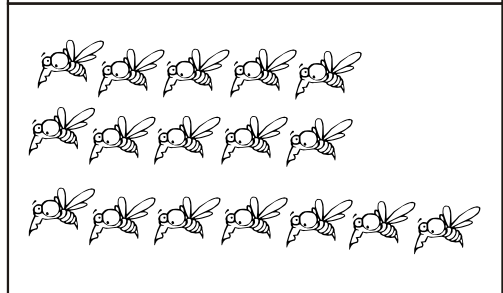
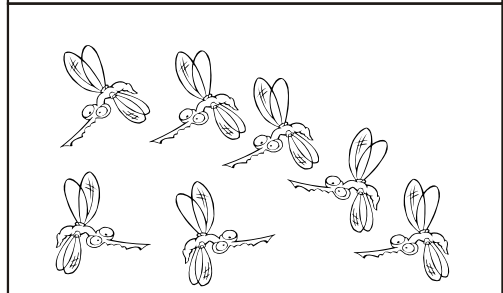
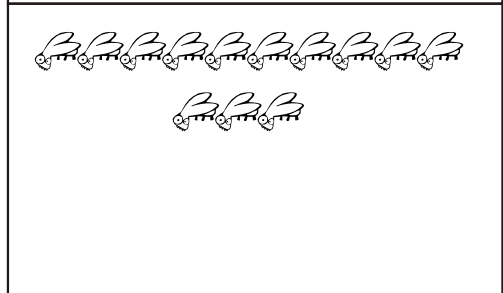
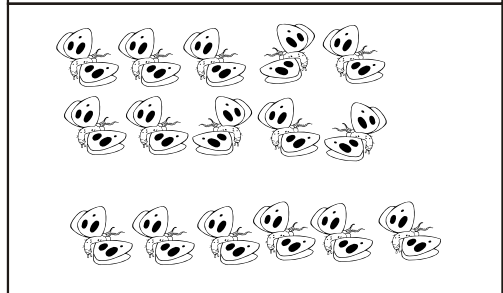
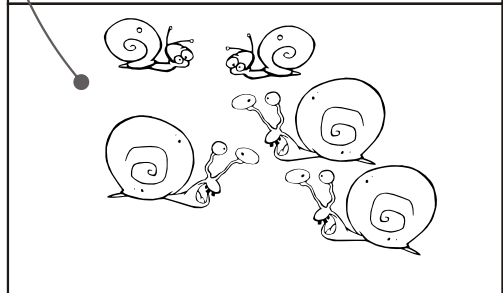
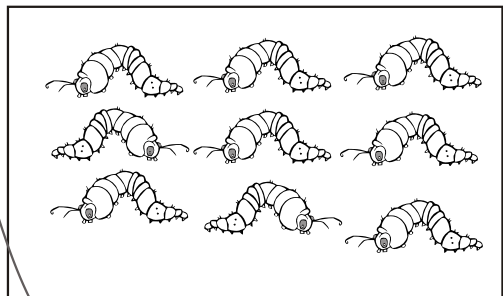
twelve

thirteen

seventeen

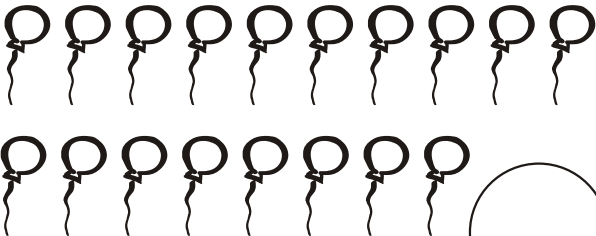
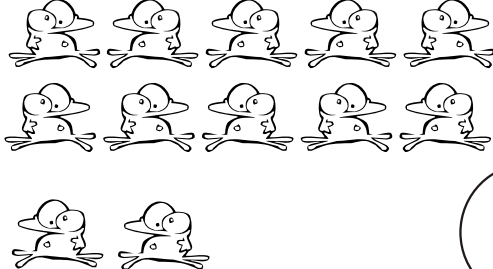

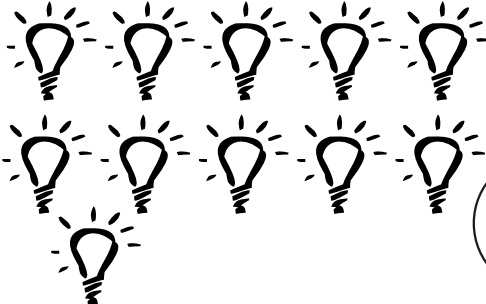
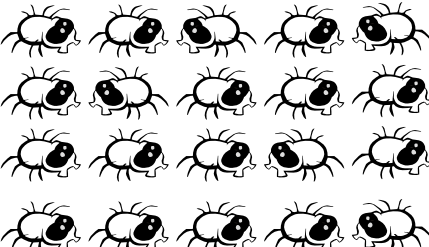
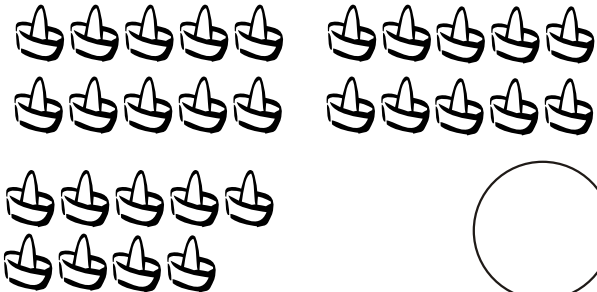
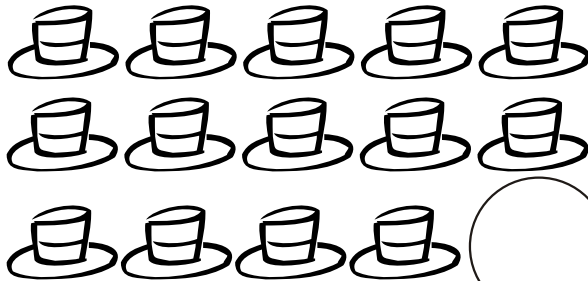
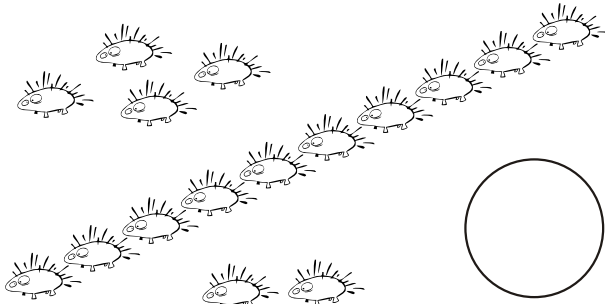
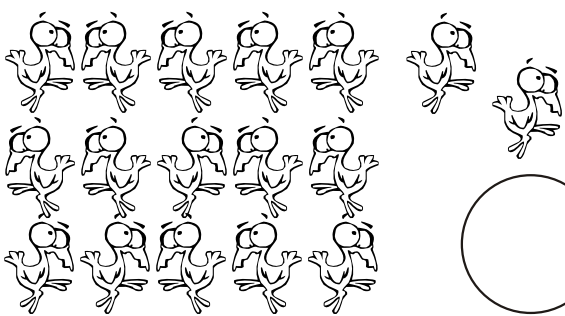
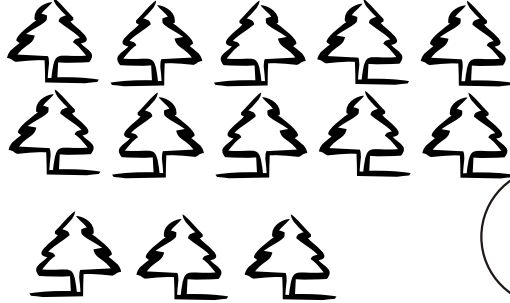
seven

fifteen



Counting in 10's.

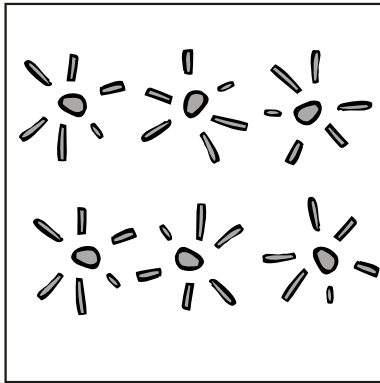
Circle the groups of 10 then write the total number of objects.

 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>
 <input type="text"/>	 <input type="text"/>

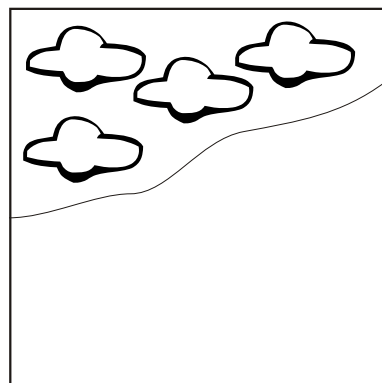
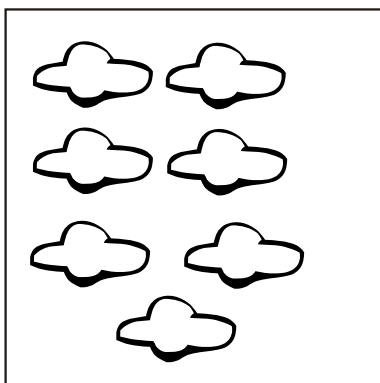
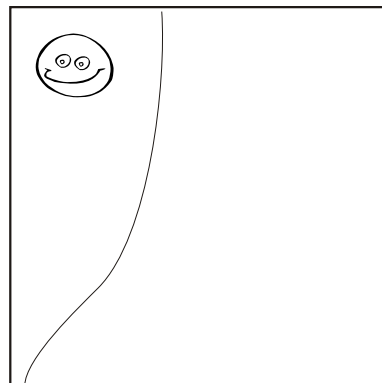
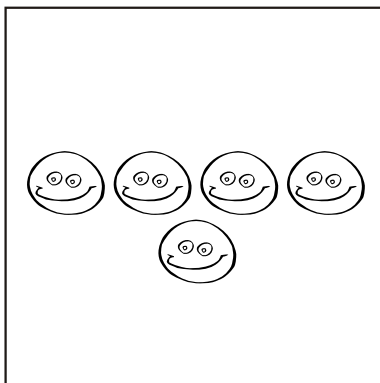
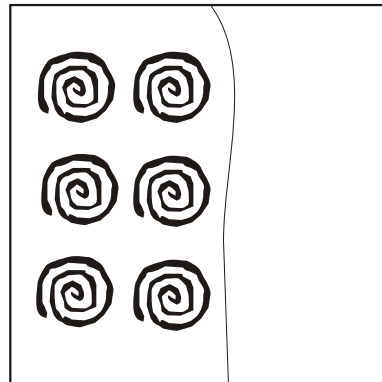
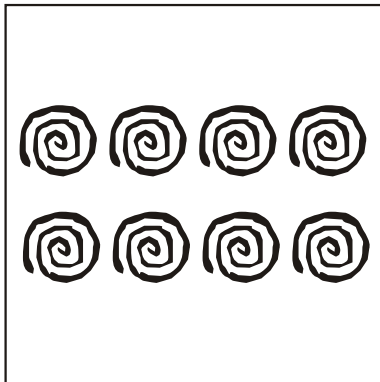
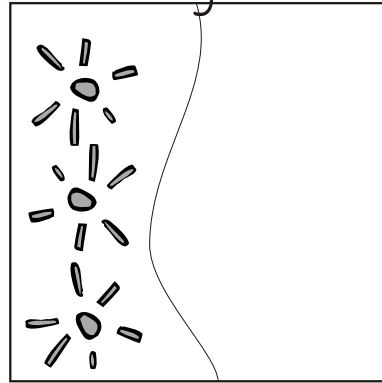
Equal Sets.

Draw the missing objects so that the right and left sets have an equal number of items.

Left




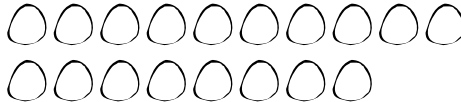
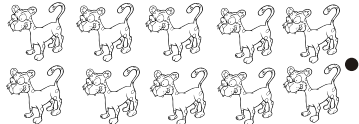
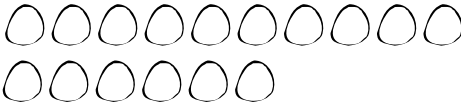


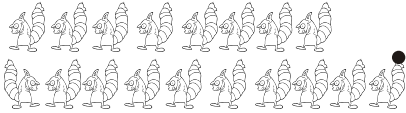



Right







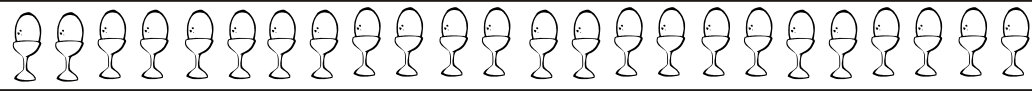





Equal Sets.

Draw a line between the sets that contain the same number of objects.

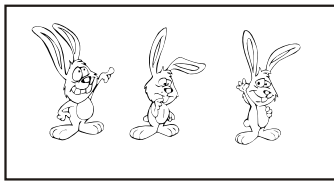
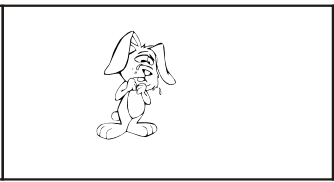
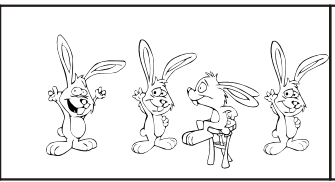
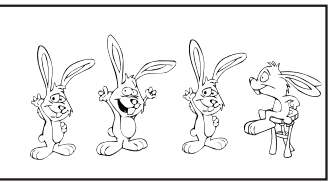
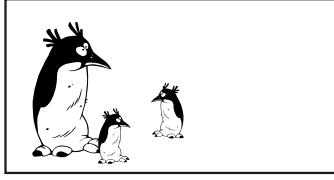
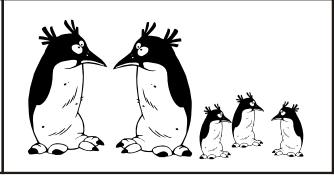
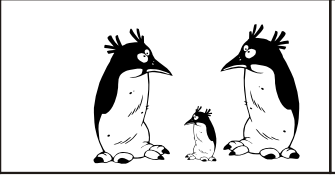
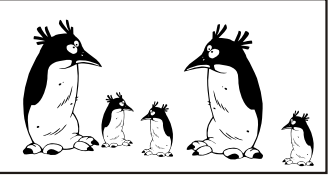
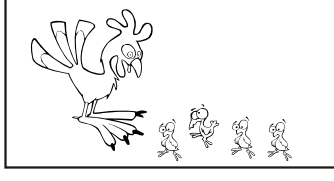
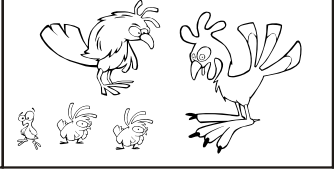
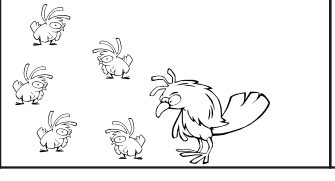
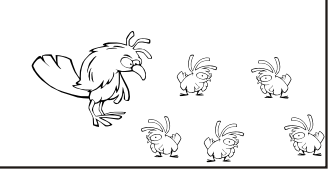
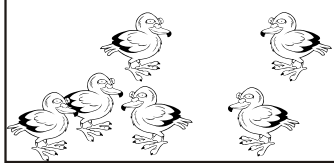
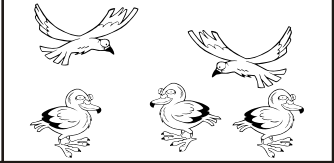
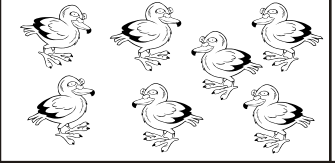
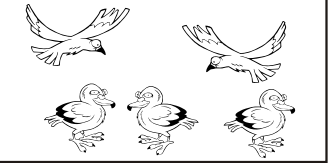
	
	
	
	
	

Put a cross through the correct number of objects.

1	
4	
6	
9	
10	
12	
16	
17	
18	
20	

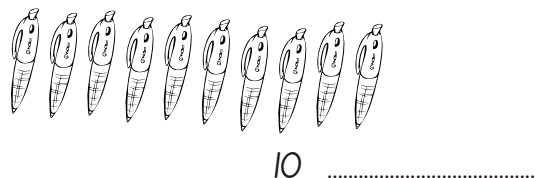
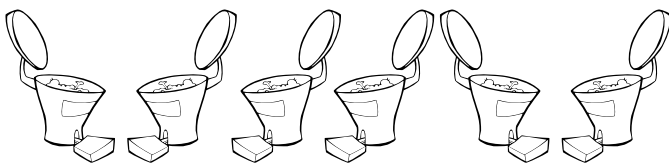
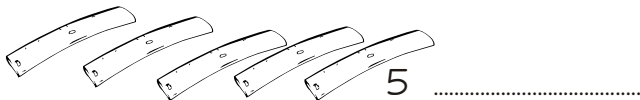
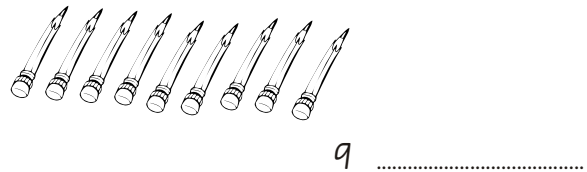
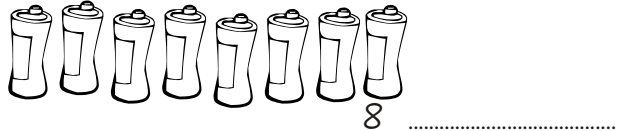
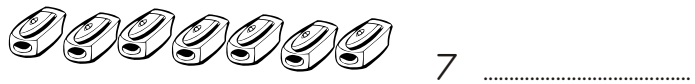
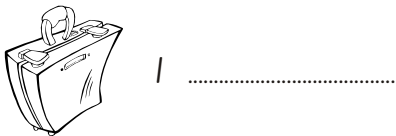
Equal Sets.

Put a circle around the sets that contain the same number of objects.

Numbers and Number Words

Write beside each number the number word.



Mighty Maths

DEVELOPING MATHEMATICIAN for 5 - 7 year olds

Book 1: Lets Look at Numbers

Book 1, emphasises numbers by comparing smaller and bigger numbers and providing practice for the writing of number words. By the end of this book, children will be able to recognise and write number words and recognise their values.

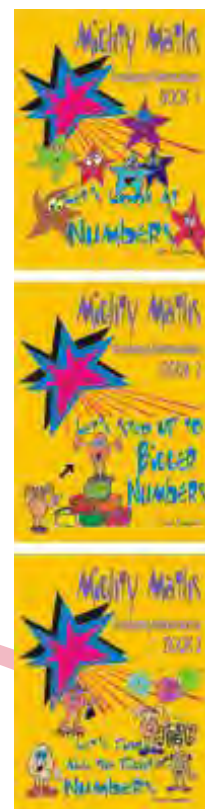
Book 2: Lets Step Up to Bigger Number

Book 2, introduces numbers up to 100 and looks at both 2D and 3D shapes. By the end of this book students will be able to calculate, write and order larger numbers and recognise how they are made up.

Book 3: Lets Find All The Right Numbers

Book 3, focuses on the 1 to 5 times tables as well as continuing with the general arithmetic operations of addition and subtraction up to 100. After completing this book, students will have increased confidence in dealing with numbers.

The **MIGHTY MATHS** series is a structured, easy-to-follow series of fun activities designed to stimulate, challenge and to give your child the best possible start in learning mathematics. Use these books to get a head start or to consolidate work being taught at school.



Beginner Mathematician (for 4 - 6 year olds), look for the **RED** books.

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Advancing Mathematician for (6 - 8 year olds), look for the **BLUE** books.

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