



MATHEMATICS



N.S. Yr. 2 P.23

Recognise and find simple fractions

Equipment

Paper, pencil, ruler
Crayons
Scissors

MathSphere

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Concepts

In year 2 children will begin to recognise that one whole one can be cut into two equal parts and that each equal part is a half, or a whole one can be cut into four equal parts and that each of these equal parts is called a quarter.

From this they will recognise that two quarters is the same as a half - the first step in recognising equivalent fractions.

They will also become used to the idea that $\frac{1}{2}$ plus $\frac{1}{2}$ is equal to one whole one.

Plenty of practical work is involved in this fraction work. Folding and cutting a large range of different shapes is important and much can be done outside the maths lesson to consolidate these ideas.

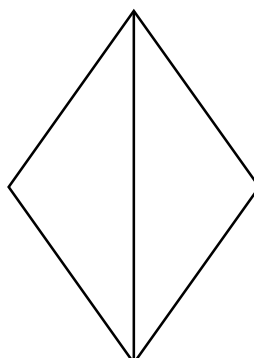
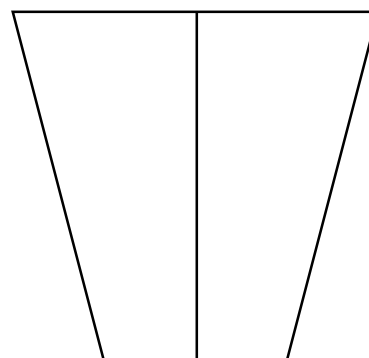
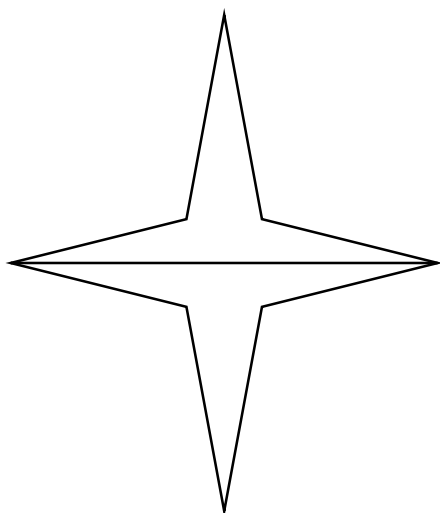
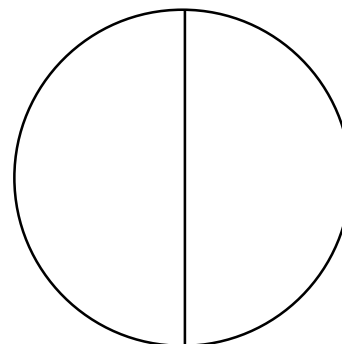
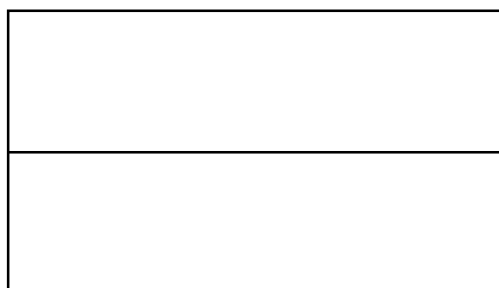
Children will be introduced to the way to write a half in figures: $\frac{1}{2}$

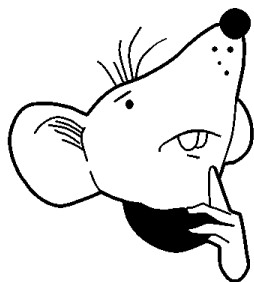
A further step is to begin to count in halves, to ten and to be able to place halves on a number line or read a number line to the nearest half.

Finding half



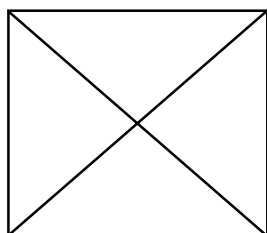
Hi!
Colour half of each of these
shapes.



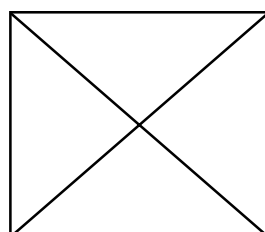
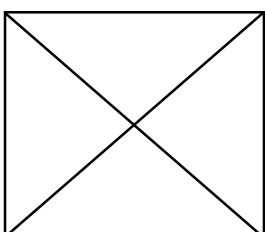
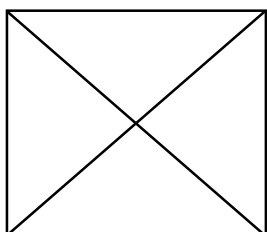
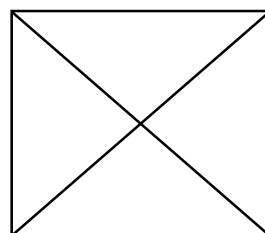
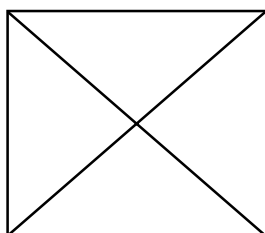
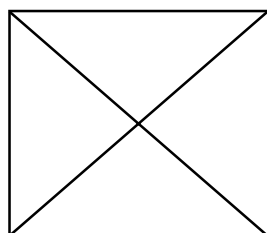


Hello again!
Have you got your crayons?
Good!

Colour half the shape below.

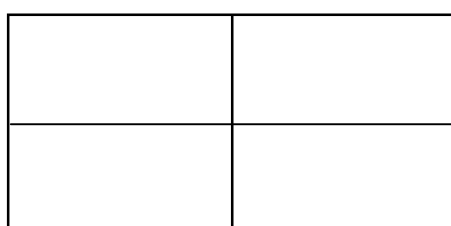


How many other ways can
you colour half this shape
- but keep to the lines
drawn!



Ready to go!

Colour two quarters of this shape.



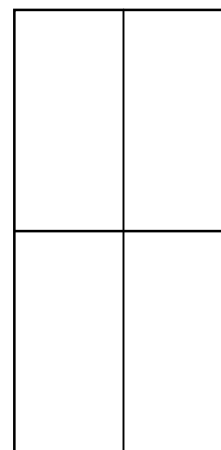
How much of the shape is not coloured?

Notice anything?



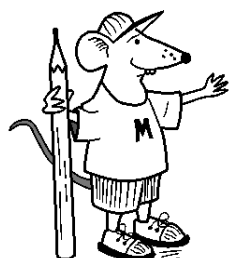
Now colour $\frac{2}{4}$ of this shape.

How much is not coloured in?

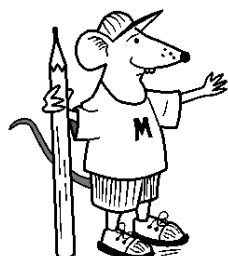
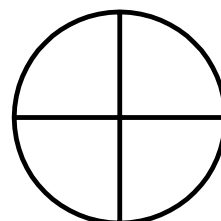


Important: One half is the same as two quarters

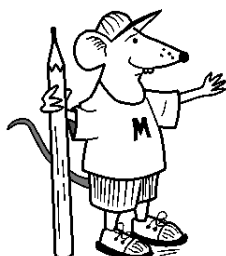
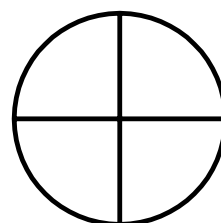
A quarter



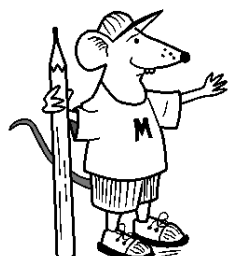
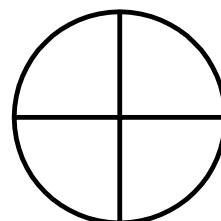
Colour a
quarter **blue**.



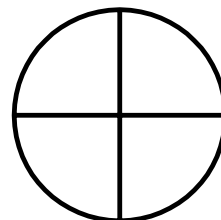
Colour a
quarter **red**.



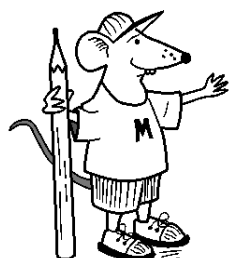
Colour a
quarter **green**.



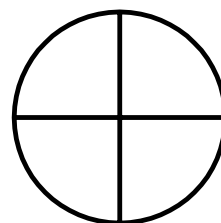
Colour a
quarter **yellow**.



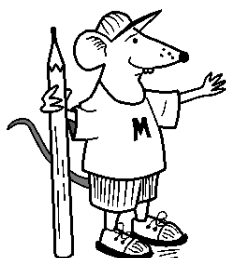
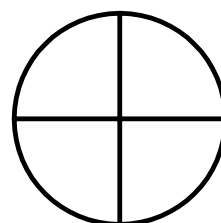
A quarter



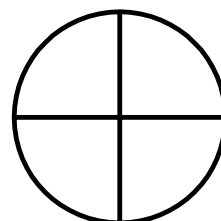
Colour a
quarter **blue**
and a quarter
green.



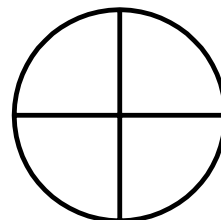
Colour a
quarter **red** and
a quarter **blue**.



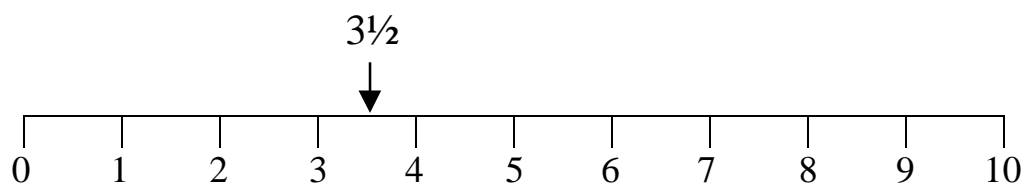
Colour a
quarter **green**
and a quarter
red.



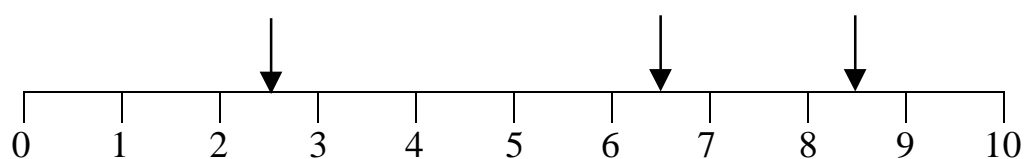
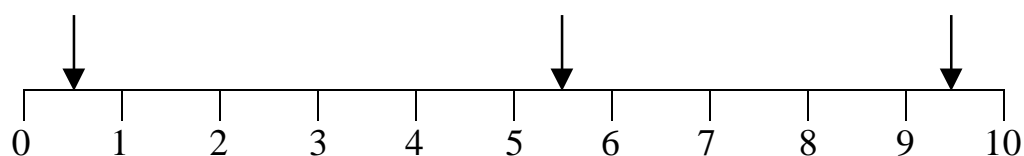
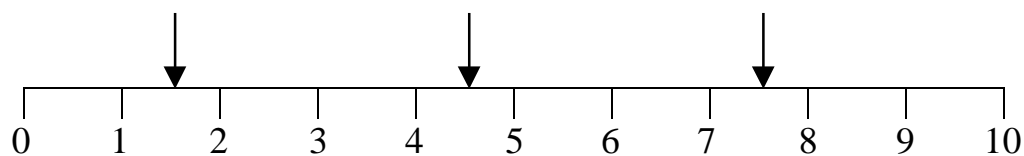
Colour a
quarter **yellow**
and a quarter
green.



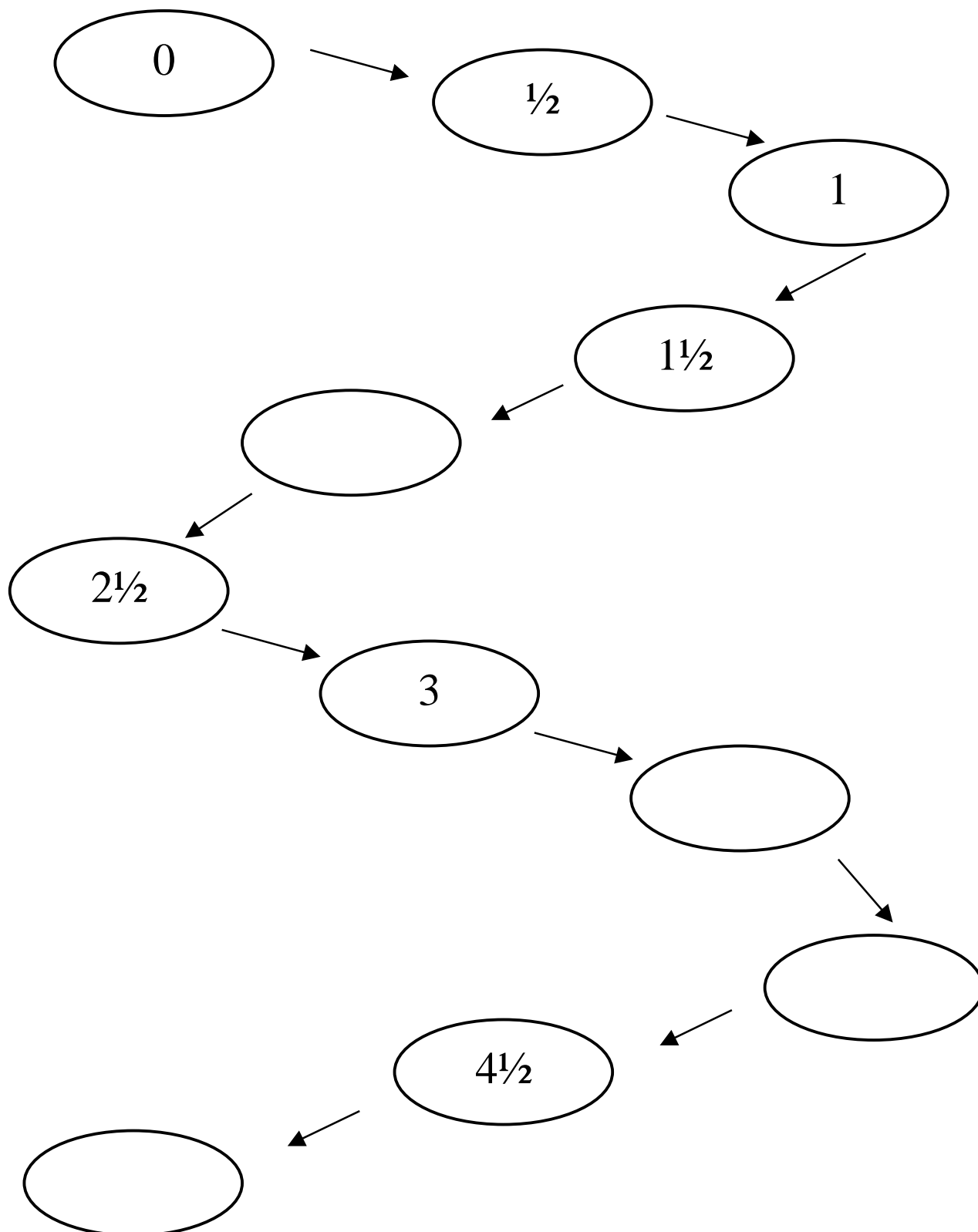
Counting in halves



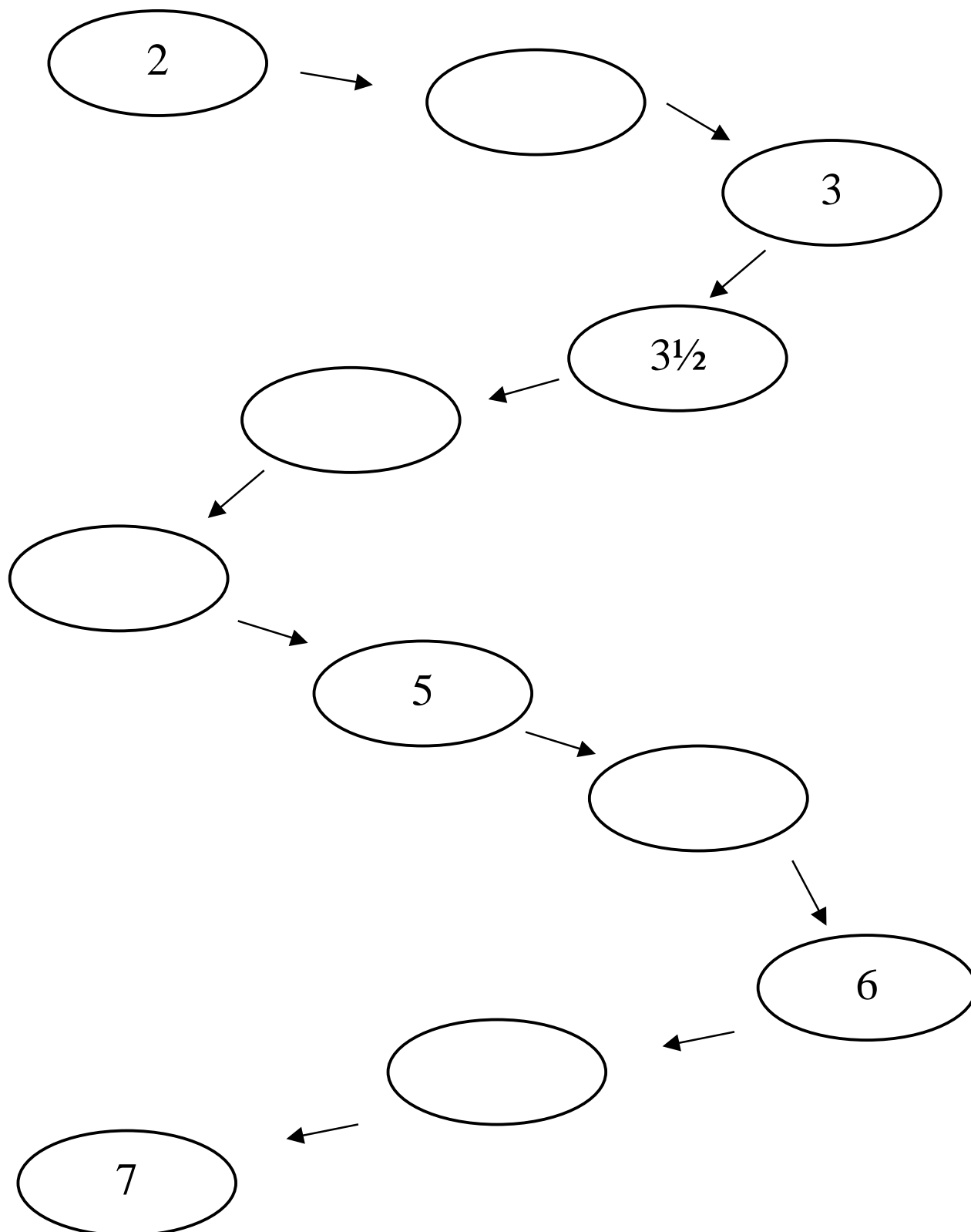
What numbers do the arrows point at?



Counting in halves



Counting in halves



Halves

How many ways can you colour half this shape?

