

Unit 16. Fractions 1

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National Curriculum Requirement

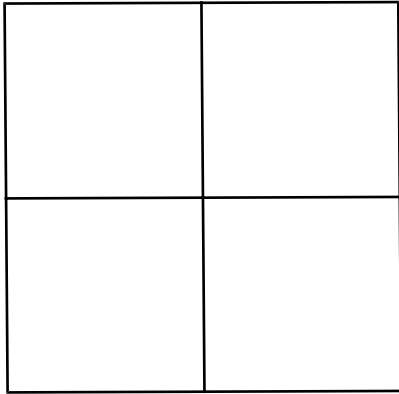
Recognise, find, name and write fractions $\frac{1}{4}$, $\frac{1}{3}$, $\frac{1}{2}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity

Notes

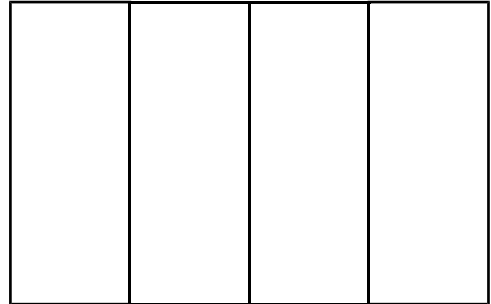
An opportunity to show pupils that fractional parts may be found of magnitudes that have different physical properties. It is well worth pointing out that the actual size of a fraction will depend on the magnitudes of the fractions' whole. An example is usually the best method of showing this - $\frac{1}{2}$ of 6 is smaller, for example, than $\frac{1}{4}$ of 16.

Shading in Fractions

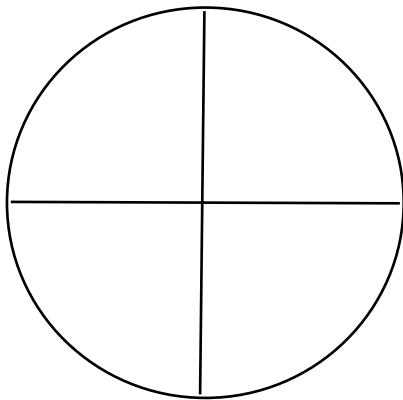
Shade in part of each shape so it is the same as the fraction by the shape.



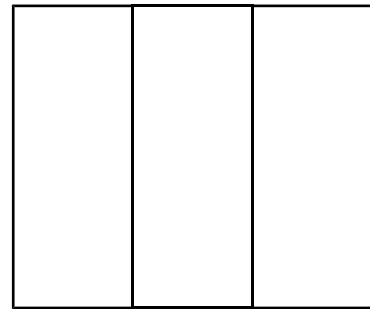
$$\frac{1}{2}$$



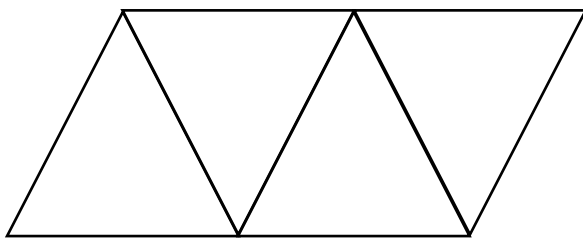
$$\frac{1}{4}$$



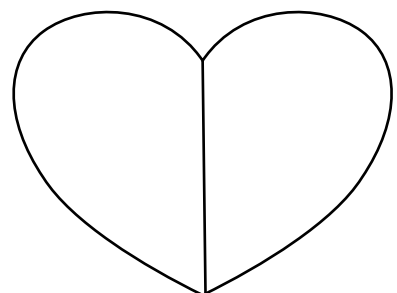
$$\frac{3}{4}$$



$$\frac{1}{3}$$

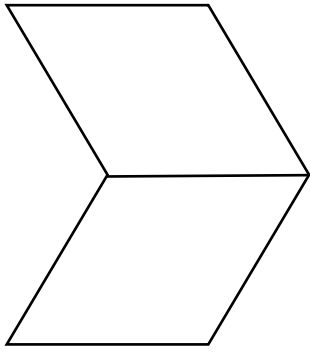


$$\frac{1}{4}$$

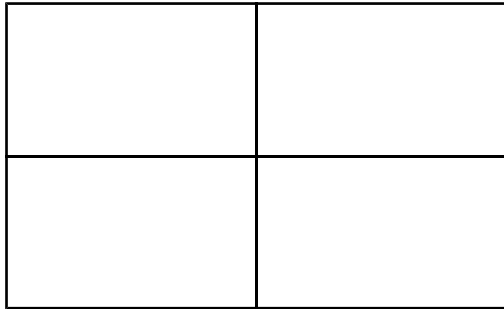
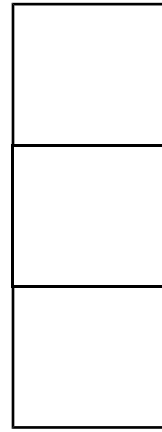


$$\frac{1}{2}$$

$$\frac{1}{2}$$

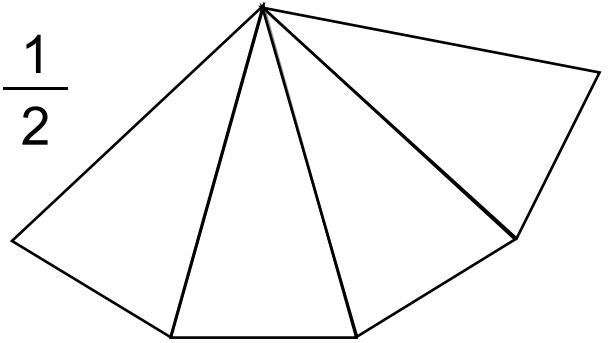


$$\frac{1}{3}$$

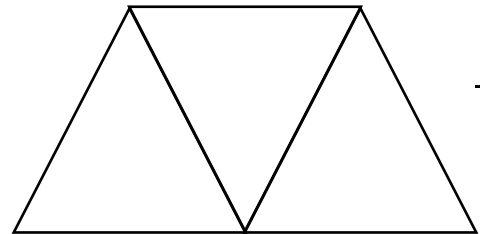
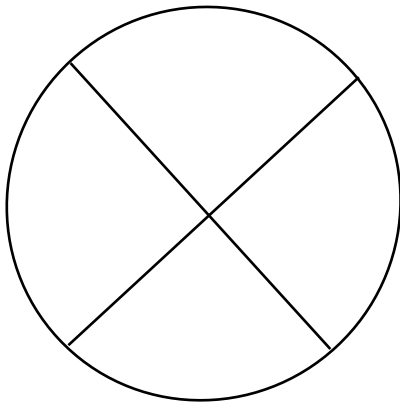


$$\frac{3}{4}$$

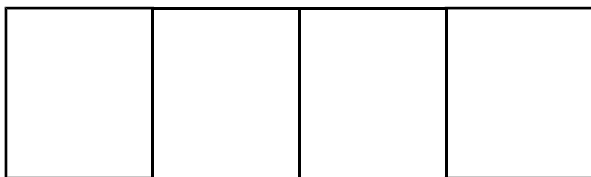
$$\frac{1}{2}$$



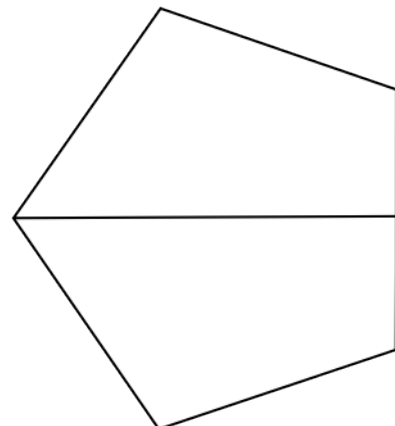
$$\frac{3}{4}$$



$$\frac{1}{3}$$



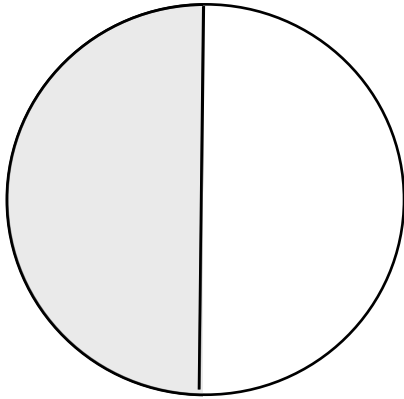
$$\frac{1}{4}$$



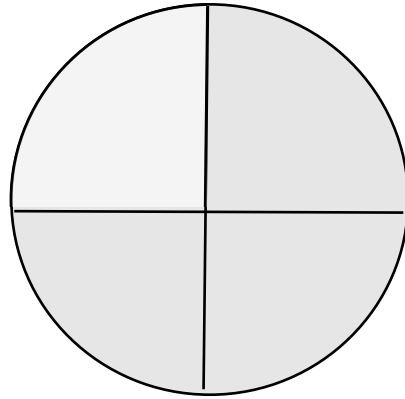
$$\frac{1}{2}$$

Name the Fractions

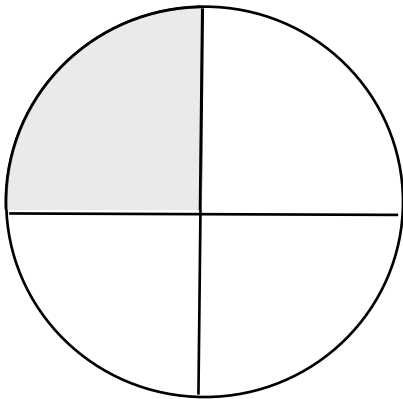
Draw a circle around the fractions which shows the amount of the shape shaded in grey?



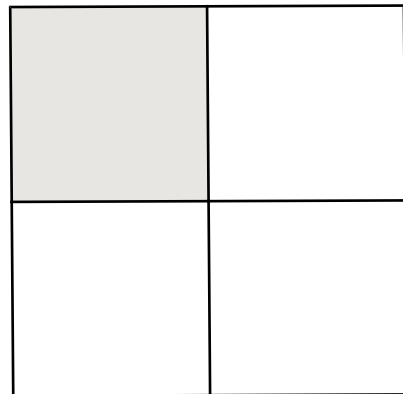
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$



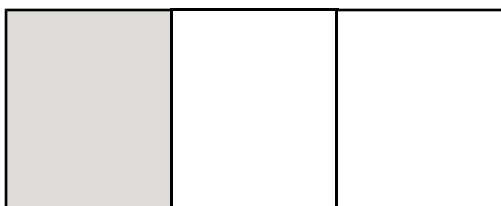
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$



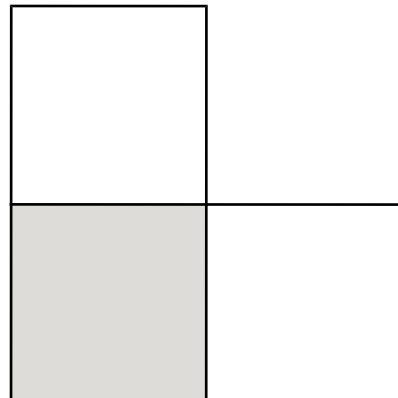
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$



$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$

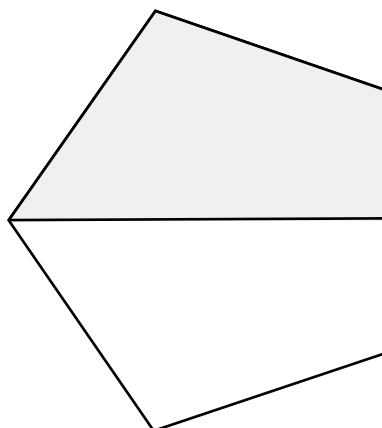
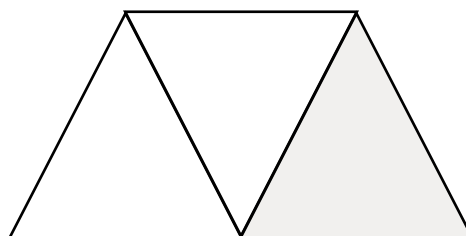
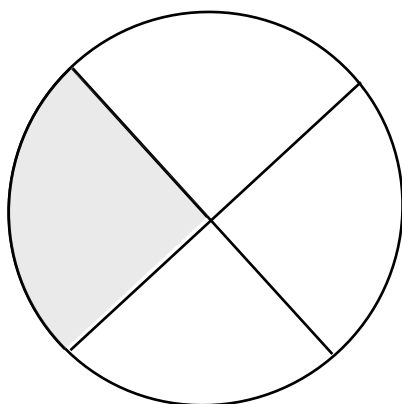
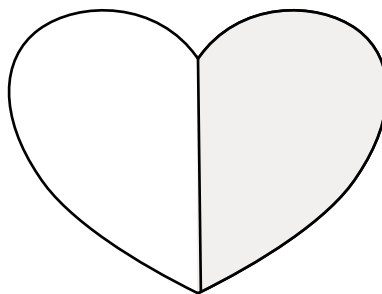
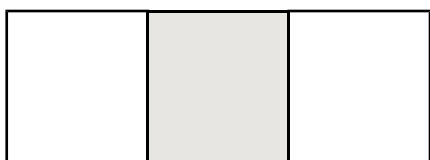
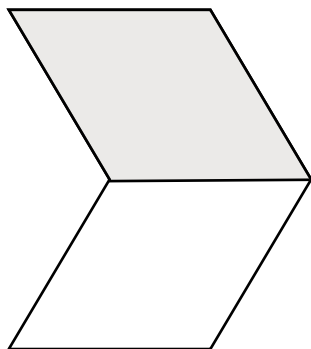


$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$



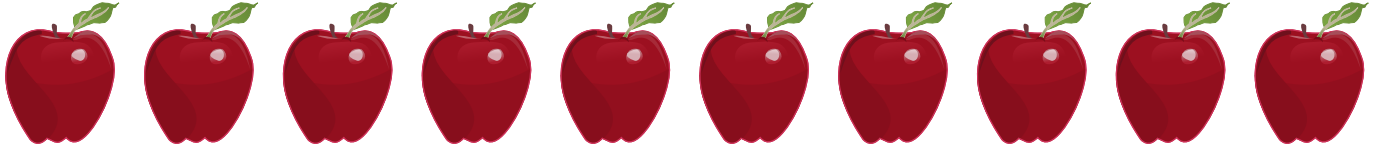
$\frac{1}{4}$ $\frac{1}{3}$ $\frac{1}{2}$ $\frac{3}{4}$

By each shape, write the fraction of the shapes that has been shaded grey.



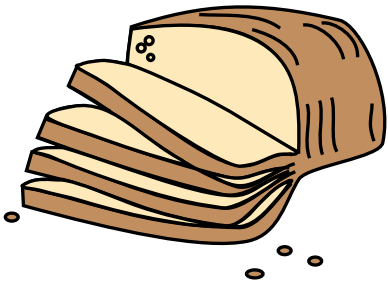
Sharing into Fractions

1. Share out 10 apples between 2 people so that each person has $\frac{1}{2}$ of the apples.



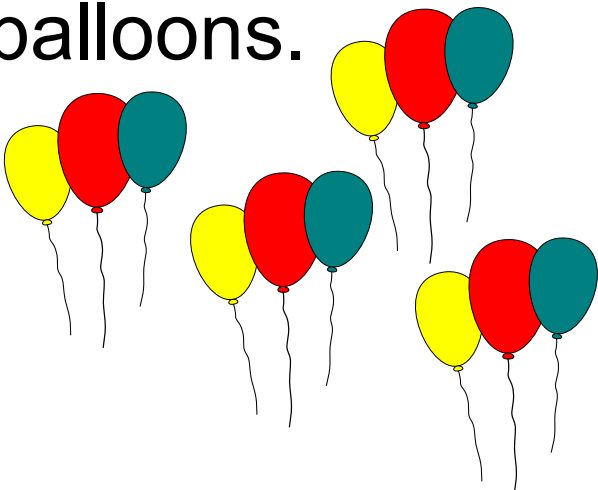
Each person will have _____ apples

2. A loaf of bread is cut into 12 slices. Share these between 4 children so that each child has $\frac{1}{4}$ of the slices.



Each child will have _____ slices.

3. Share 12 balloons between 3 children so that each child has $\frac{1}{3}$ of the balloons.

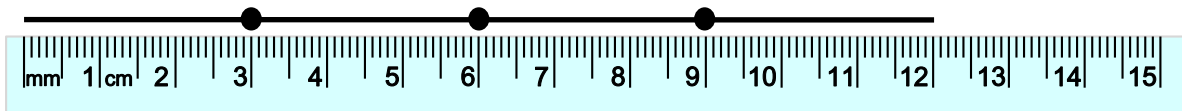


Each child will have _____ balloons.

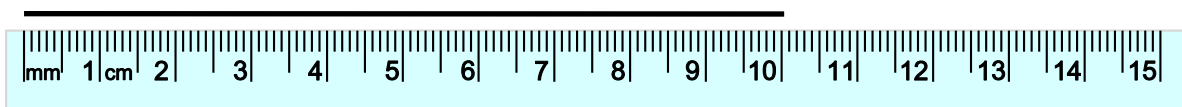
Dividing Lines into Fractions

Using the ruler to help, mark points onto each of the lines that will divide the line into the given fractions. The first one has been done for you.

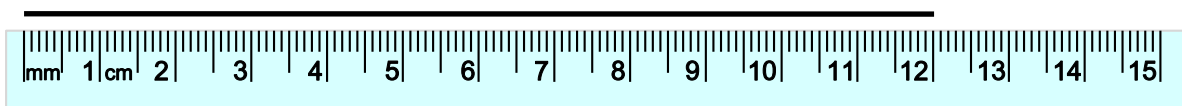
1. Divide this line into 4 equal parts so that each of the part's length is a $\frac{1}{4}$ of the line.



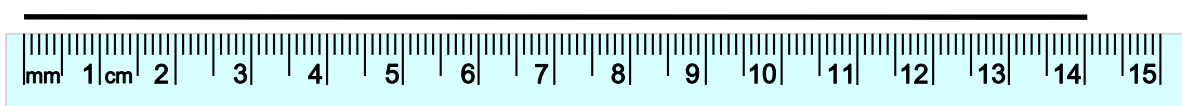
2. Divide this line into 2 equal parts so that each of the part's length is a $\frac{1}{2}$ of the line.



3. Divide this line into 3 equal parts so that each of the part's length is a $\frac{1}{3}$ of the line.



4. Divide this line into 2 equal parts so that each of the part's length is a $\frac{1}{2}$ of the line.



5. Divide this line into 4 equal parts so that each of the part's length is a $\frac{1}{4}$ of the line.

