Number: multiplication and division

Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

3 ⭐

1. I draw a line 7cm long. My friend draws one three times the length. How long is her line?

cm

2. Find the missing number.

8 x ☐ = 24   7 x ☐ = 28

☐ x 3 = 36   ☐ x 9 = 72

3. I saved up £10. My mum gives me triple the amount I save. How much money will I have altogether?

£ ☐

4. Find the missing number.

8 ÷ ☐ = 8   44 ÷ ☐ = 4

☐ ÷ 4 = 5   ☐ ÷ 3 = 9
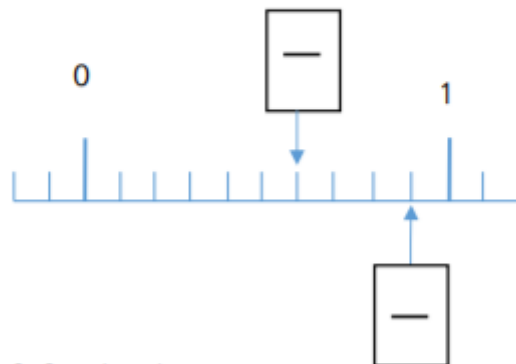
Number: fractions

3

1. Fill in the missing numbers from the number line.

$$\boxed{-}$$

0   1

$$\boxed{-}$$

2. Complete the sequence.

$\frac{5}{10}$, $\frac{6}{10}$, $\frac{7}{10}$, $\boxed{}$, $\boxed{}$
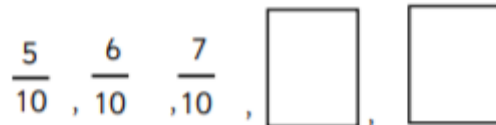
3. What fraction is not shaded?

$\boxed{}$

4. Which shows $\frac{2}{10}$ shaded? Circle it.

5. Calculate the answer as a fraction.

$8 \div 10 = \boxed{}$ $3 \div 10 = \boxed{}$

Number: fractions

Recognise, find and write fractions of a discrete set of objects: unit fractions and non- unit fractions with small denominators

3

Circle $\frac{1}{3}$ of the set of objects below.

Circle $\frac{2}{5}$ of the set of objects below.

Circle $\frac{3}{4}$ of the people below.
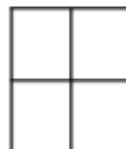
What fraction of the set of objects are shaded?

Number: fractions

Recognise and show, using diagrams, equivalent fractions with small denominators

Is this an equivalent fraction?
Shade the rectangles to help you.

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

yes ☐   no ☐

2. Tick the boxes that are correct.

$$\frac{3}{6} = \frac{2}{4}$$ ☐

$$\frac{1}{4} = \frac{2}{4}$$ ☐

3. Is this an equivalent fraction? Shade the rectangles to help you.

$$\frac{1}{3} = \frac{3}{9}$$

yes ☐   no ☐

Number: fractions

Add and subtract fractions with the same denominator within one whole [for example $\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$]

3

1. Calculate the answer.

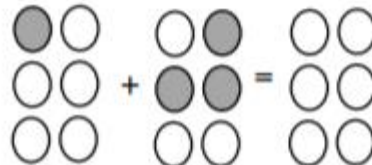$$\frac{2}{8} + \frac{5}{8} = \boxed{}$$

$$\frac{3}{3} - \frac{1}{3} = \boxed{}$$

2. Calculate the answer.

three ninths + four ninths =

three ninths + four ninths =

nine tenths – three tenths =

3. Finish the calculation using drawings.

$$\frac{1}{6} + \frac{3}{6} = \boxed{}$$