

1 Simplifying fractions ☐

a) What fraction of the shape is shaded?
Give it in its simplest form.

b) Fill in the gaps. $\frac{4}{9} = \frac{?}{36} = \frac{20}{?}$



a) $\frac{18}{24} = \frac{3}{4}$ b) 16 and 45

2 Ordering fractions ☐

a) Write in order, smallest first.

$\frac{5}{6}$ $\frac{3}{4}$ $\frac{7}{12}$ $\frac{2}{3}$

b) Write a fraction between $\frac{2}{3}$ and $\frac{3}{4}$.



a) $\frac{7}{12}$, $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{6}$ b) $\frac{17}{24}$

3 Mixed numbers ☐

a) Each bar is one whole.

Write the shaded amount as an improper fraction.

b) Write $\frac{41}{6}$ as a mixed number.



a) $5 + 5 + 3 = 13$ fifths: $\frac{13}{5}$

b) $41 \div 6 = 6 \text{ r } 5$: $6\frac{5}{6}$

4 Adding fractions ☐

a) Work out $\frac{3}{4} + \frac{2}{5}$. Give your answer as a mixed number.

b) Work out $2\frac{1}{3} + 1\frac{3}{4}$

a) $\frac{15}{20} + \frac{8}{20} = \frac{23}{20} = 1\frac{3}{20}$

b) $3 + \frac{4}{12} + \frac{9}{12} = 4\frac{1}{12}$

5 Subtracting fractions ☐

a) Work out $\frac{5}{6} - \frac{3}{8}$

b) A ribbon is $5\frac{1}{4}$ m long. $2\frac{2}{3}$ m is cut off.
How much ribbon is left?

a) $\frac{20}{24} - \frac{9}{24} = \frac{11}{24}$

b) $\frac{63}{12} - \frac{32}{12} = \frac{31}{12} = 2\frac{7}{12} \text{ m}$

Fractions revision mat answers

Foundation A

6 Multiplying fractions ☐

a) Work out $\frac{4}{9} \times \frac{3}{8}$. Give your answer in its simplest form.

b) A rug is $\frac{3}{4}$ m long and $\frac{2}{3}$ m wide.
Work out its area.

a) $\frac{12}{72} = \frac{1}{6}$

b) $\frac{6}{12} = \frac{1}{2} \text{ m}^2$

7 Dividing fractions ☐

a) Work out $\frac{5}{6} \div \frac{2}{3}$

b) Rice is put into bags of $\frac{3}{8}$ kg.
How many bags can be filled from 3 kg of rice?

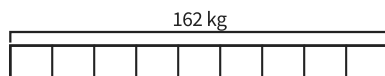
a) $\frac{5}{6} \times \frac{3}{2} = \frac{15}{12} = 1\frac{1}{4}$

b) $3 \div \frac{3}{8} = 3 \times \frac{8}{3} = 8 \text{ bags}$

8 Fraction of an amount ☐

a) Work out $\frac{4}{9}$ of 162 kg.

b) $\frac{3}{7}$ of a number is 27.
What is the number?



a) $162 \div 9 = 18$, $18 \times 4 = 72 \text{ kg}$

b) $27 \div 3 = 9$, $9 \times 7 = 63$

9 Fractions to decimals ☐

a) Write $\frac{7}{20}$ as a decimal.

b) Write in order, smallest first.
 $\frac{3}{8}$ 0.4 0.38

a) $\frac{35}{100} = 0.35$

b) $\frac{3}{8} = 3 \div 8 = 0.375$

b) $\frac{3}{8}$, 0.38, 0.4

10 One quantity as a fraction ☐

a) Write 24 as a fraction of 60. Give it in its simplest form.

b) Write 35p as a fraction of £2. Give it in its simplest form.

a) $\frac{24}{60} = \frac{2}{5}$

b) £2 = 200p: $\frac{35}{200} = \frac{7}{40}$