

Fractions

No calculator | 30 minutes | Total marks: 26

Name Class

- 1 (a) What fraction of this shape is shaded?



Answer [1 mark]

- (b) Shade $\frac{2}{5}$ of this shape.



[1 mark]

2

- (a) Complete the equivalent fraction. $\frac{1}{2} = \frac{\boxed{}}{8}$

[1 mark]

- (b) Complete the equivalent fraction. $\frac{2}{3} = \frac{\boxed{}}{12}$

[1 mark]

- (c) Write $\frac{6}{10}$ in its simplest form.

Answer [1 mark]

- (d) Write $\frac{12}{16}$ in its simplest form.

Answer [1 mark]

3 Which fraction is bigger, $\frac{2}{3}$ or $\frac{3}{5}$?

You **must** show your working.

Answer [2 marks]

4 Write each fraction as a decimal.

(a) $\frac{1}{4}$

Answer [1 mark]

(b) $\frac{7}{10}$

Answer [1 mark]

(c) $\frac{3}{5}$

Answer [1 mark]

5 (a) Write $\frac{7}{2}$ as a mixed number.

Answer [1 mark]

(b) Write $1\frac{3}{4}$ as an improper fraction.

Answer [1 mark]

6

Work out

(a) $\frac{1}{3}$ of 24

Answer [1 mark]

(b) $\frac{3}{4}$ of 20

Answer [2 marks]

(c) $\frac{2}{5}$ of £35

Answer £ [2 marks]

7

Work out

(a) $\frac{2}{7} + \frac{3}{7}$

Answer [1 mark]

(b) $\frac{1}{2} + \frac{1}{4}$

Answer [2 marks]

(c) $\frac{2}{3} - \frac{1}{6}$

Answer [2 marks]

8

Work out

(a) $\frac{1}{2} \times \frac{3}{5}$

Answer [1 mark]

(b) $3 \times \frac{2}{7}$

Answer [1 mark]

(c) $\frac{1}{2} \div 3$

Answer [1 mark]

Question	Topic	RAG
1	I can read and shade fractions of a shape	
2	I can find equivalent fractions and simplify	
3	I can compare fractions	
4	I can change a fraction to a decimal	
5	I can change between mixed numbers and improper fractions	
6	I can find a fraction of an amount	
7	I can add and subtract fractions	
8	I can multiply and divide fractions	