

Fractions, Decimals and Percentages 1

No calculator | 30 minutes | Total marks: 30

Name Class

1 Work out

(a) 0.4×0.3

Answer [1 mark]

(b) 2.5×1.2

Answer [2 marks]

(c) $13.5 \div 5$

Answer [2 marks]

2 Write 18 as a fraction of 45

Give your answer in its simplest form.

Answer [2 marks]

3 Write these fractions in order of size. Start with the smallest.

$$\frac{2}{3} \quad \frac{5}{8} \quad \frac{7}{12}$$

Answer [2 marks]

4

Work out

Give each answer in its simplest form.

(a) $\frac{1}{2} + \frac{3}{8}$

Answer [2 marks]

(b) $\frac{5}{6} - \frac{1}{3}$

Answer [2 marks]

(c) $\frac{2}{3} + \frac{1}{4}$

Answer [2 marks]

5Work out $\frac{5}{8}$ of 72

Answer [2 marks]

6

(a) Work out 35% of 80

Answer [2 marks]

(b) Increase 240 by 15%

Answer [2 marks]

(c) Decrease 60 by 5%

Answer [2 marks]

7

(a) Write down the multiplier for an increase of 8%

Answer [1 mark]

(b) Write down the multiplier for a decrease of 12%

Answer [1 mark]

8

(a) Write $\frac{3}{8}$ as a decimal and as a percentage.

decimal

percentage [2 marks]

(b) Write 0.06 as a percentage and as a fraction in its simplest form.

percentage

fraction [2 marks]

9

Write these in order of size. Start with the smallest.

0.4 $\frac{3}{8}$ 35%

Answer [1 mark]

Question	Topic	RAG
1	I can multiply and divide decimals	
2	I can write one number as a fraction of another	
3	I can order fractions using a common denominator	
4	I can add and subtract fractions with different denominators	
5	I can find a fraction of an amount	
6	I can find percentages and increase or decrease by a percentage	
7	I can write a multiplier	
8	I can convert between fractions, decimals and percentages	
9	I can order fractions, decimals and percentages	