

1 Write  $\frac{12}{60}$  as a fraction in its simplest form.

(1 mark)

2 Write  $\frac{18}{40}$  as a fraction in its simplest form.

(1 mark)

3 Write  $\frac{28}{36}$  as a fraction in its simplest form.

(1 mark)

4 Write  $\frac{6}{30}$  as a fraction in its simplest form.

(1 mark)

5 Write  $\frac{72}{90}$  as a fraction in its simplest form.

(1 mark)

6 Write  $\frac{28}{35}$  as a fraction in its simplest form.

(1 mark)

7 Here is a list of fractions.

$$\frac{15}{20} \quad \frac{33}{44} \quad \frac{12}{16} \quad \frac{26}{32} \quad \frac{21}{28}$$

One of these fractions is not equivalent to  $\frac{3}{4}$

Write down this fraction.

(1 mark)

8 Here is a list of fractions.

$$\frac{18}{45} \quad \frac{14}{30} \quad \frac{10}{25} \quad \frac{8}{20} \quad \frac{16}{40}$$

One of these fractions is not equivalent to  $\frac{2}{5}$

Write down this fraction.

(1 mark)

9 Here is a list of fractions.

$$\frac{3}{9} \quad \frac{4}{12} \quad \frac{7}{21} \quad \frac{9}{27} \quad \frac{8}{26}$$

One of these fractions is not equivalent to  $\frac{1}{3}$

Write down this fraction.

(1 mark)

10 There are 26 sweets in a bag.

15 of the sweets are red.

The rest of the sweets are white.

What fraction of the sweets are red?

(1 mark)

11 There are 17 counters in a bag.

The table shows the number of counters of each colour.

Colour	Red	Blue	Yellow	Green
Number of Counters	7	2	5	3

What fraction of the counters are blue?

(1 mark)

12 There are 9 pens in a box.

5 pens are red.

The rest of the pens are green.

What fraction of the pens are green?

**(2 marks)**

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13 Last year the cost of Tom's train ticket was £42

This year the cost of Tom's train ticket increased to £50

Write down the increase in the cost of Tom's ticket as a fraction of last year's cost.

**(2 marks)**

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14 Write the following fractions in order of size.

Start with the smallest fraction.

$$\frac{1}{6} \quad \frac{4}{15} \quad \frac{1}{5} \quad \frac{1}{3} \quad \frac{7}{30}$$

**(2 marks)**

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15 Write the following fractions in order of size.

Start with the smallest fraction.

$$\frac{19}{30} \quad \frac{5}{6} \quad \frac{2}{3} \quad \frac{11}{15} \quad \frac{3}{5}$$

**(2 marks)**

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16 Write the following fractions in order of size.

Start with the smallest fraction.

$$\frac{11}{20} \quad \frac{5}{8} \quad \frac{3}{4} \quad \frac{3}{5} \quad \frac{7}{10}$$

**(2 marks)**

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17 Write the following fractions in order of size.

Start with the smallest fraction.

$$\frac{1}{3} \quad \frac{2}{9} \quad \frac{1}{4} \quad \frac{3}{16} \quad \frac{3}{10}$$

**(2 marks)**

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18 Here are two fractions.

$$\frac{7}{6} \quad \frac{6}{7}$$

Work out which of the fractions is closer to 1  
You must show your working.

**(3 marks)**

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19 Here are two fractions.

$$\frac{3}{10} \quad \frac{5}{7}$$

Work out which of the fractions is closer to  $\frac{1}{2}$   
You must show your working.

**(3 marks)**

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