Fractions

First name					
Middle name					
Last name					
Date of birth	Day		Month		Year	
School name					
DFE number					

1 Work out the following:

a) $\dfrac{3}{4}$ of 600 grams

Answer: _____ grams

1 mark

b) $\dfrac{2}{5}$ of 30 pencils

Answer: _____ pencils

1 mark

c) $\dfrac{3}{8}$ of £200

Answer: £ _____

1 mark

2 Circle the fraction that is equivalent to $2\frac{2}{3}$

$$\frac{4}{3} \qquad \frac{5}{3} \qquad \frac{7}{3} \qquad \frac{8}{3} \qquad \frac{22}{3}$$

1 mark

3 Circle the mixed number that is equivalent to $\frac{14}{3}$

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

1 mark

4 Circle two equivalent amounts from this list.

$$\frac{7}{3} \qquad \frac{7}{4} \qquad \frac{7}{5} \qquad 1\frac{3}{7} \qquad 1\frac{4}{7} \qquad 1\frac{4}{10}$$

1 mark

5 Work out the following:

a) $\dfrac{2}{3} + \dfrac{2}{3}$

1 mark

b) $\dfrac{1}{4} + \dfrac{1}{3}$

1 mark

c) $\dfrac{2}{5} + \dfrac{2}{3}$

1 mark

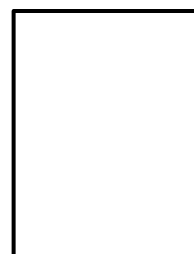**6** Calculate the following:

a) $\dfrac{5}{6} - \dfrac{2}{3}$

___
1 mark

b) $\dfrac{1}{2} - \dfrac{1}{3}$

___
1 mark

c) $\dfrac{4}{5} - \dfrac{1}{3}$

___
1 mark

7

a) Which fraction is the larger? Explain your answer.

$$\frac{3}{4} \qquad \frac{6}{9}$$

2 marks

b) Which of these fractions is closest to 1? Explain your answer.

$$\frac{3}{5} \qquad \frac{1}{4} \qquad \frac{7}{4}$$

2 marks

8 Fill in the missing values.

a) $\dfrac{4}{9} = \dfrac{12}{\Box}$

1 mark

b) $\dfrac{7}{8} = \dfrac{\Box}{24}$

1 mark

c) $\dfrac{3}{\Box} = \dfrac{12}{20}$

1 mark

d) $\dfrac{\Box}{20} = \dfrac{5}{100}$

1 mark

9 Fill in the missing values.

a)

$$\frac{2}{5} = \frac{12}{\boxed{}}$$

b)

$$\frac{7}{8} = \frac{\boxed{}}{24}$$

c)

$$\frac{\boxed{}}{5} + \frac{1}{10} = \frac{7}{10}$$

d)

$$\frac{3}{\boxed{}} \times 4 = \frac{3}{8}$$

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- **Area and perimeter**, and more.

The website also has ***videos of me working through every paper***, so that once pupils have completed the paper they can get help with any questions that they got wrong, and watch a worked-example of how to solve it correctly!

I'd love to have your feedback, so if you have any requests for papers or questions, just let me know.

Thanks - Andrew Jeffrey

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