

## Key Stage 2

# Fractions

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

**1**

Work out the following:

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

divide by the bottom  
times by the  
top.

e.g.  $\frac{3}{4}$  of 16 = 12  
 $16 \div 4 = 4$   
 $4 \times 3 = 12$

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

Answer: \_\_\_\_\_ grams

1 mark

Answer: \_\_\_\_\_ pencils

1 markc)  $\frac{3}{8}$  of £200

Answer: \_\_\_\_\_ £

1 mark

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

$\frac{4}{3}$

$\frac{5}{3}$

$\frac{7}{3}$

$\frac{8}{3}$

$\frac{22}{3}$

Convert all into mixed numbers to check.

$\frac{4}{3} = 1\frac{1}{3}$

How many 3s in 4 = 1 and  $\frac{1}{3}$  left over

1 mark

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

$1\frac{3}{4}$

$1\frac{4}{3}$

$3\frac{4}{3}$

$4\frac{1}{3}$

$4\frac{2}{3}$

Convert all into improper fractions to check

$1\frac{3}{4} \rightarrow \frac{7}{4}$

$1 \times \frac{3}{4} = \frac{3}{4}$

$4 + 3 = 7$

1 mark

**4**

Circle two equivalent amounts from this list.

$\frac{7}{3}$

$\frac{7}{4}$

$\frac{7}{5}$

$1\frac{3}{7}$

$1\frac{4}{7}$

$1\frac{4}{10}$

Do you notice any patterns/links in the denominators?

Convert to mixed numbers

or

convert to improper fractions.

1 mark

**5**

Work out the following:

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

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1 mark

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

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1 mark

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

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1 mark

**6**

Calculate the following:

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

1 mark

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

1 mark

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

1 mark

**7**

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

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



2 marks

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

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



2 marks

**8**

Fill in the missing values.

a)  $\frac{4}{9} = \frac{12}{\square}$

1 mark

b)  $\frac{7}{8} = \frac{\square}{24}$

1 mark

c)  $\frac{3}{\square} = \frac{12}{20}$

1 mark

d)  $\frac{\square}{20} = \frac{5}{100}$

1 mark

**9**

Fill in the missing values.

a)  $\frac{2}{5} = \frac{12}{\square}$

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1 mark

b)  $\frac{7}{8} = \frac{\square}{24}$

---

1 mark

c)  $\frac{\square}{5} + \frac{1}{10} = \frac{7}{10}$

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1 mark

d)  $\frac{3}{\square} \times 4 = \frac{3}{8}$

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1 mark