

AQA, OCR, Edexcel

GCSE

GCSE Maths

Fractions Answers

Name:

M

M

E

Mathsmadeeasy.co.uk

Total Marks: /34

Fractions

1. Evaluate the following:

$$\text{a) } \frac{1}{2} \times \frac{2}{7} = \frac{1}{7}$$

$$\text{b) } \frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$$

$$\text{c) } \frac{2}{5} + \frac{6}{7} = \frac{44}{35}$$

$$\text{d) } \frac{1}{2} + \frac{1}{2} = 1$$

$$\text{e) } \frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$

$$\text{f) } \frac{2}{3} - \frac{4}{5} = -\frac{2}{15}$$

(12 marks)

2. Evaluate the following. Give your answer as a mixed fraction:

$$\text{a) } 1\frac{1}{2} \times 4\frac{1}{2} = 6\frac{3}{4}$$

$$\text{b) } 3\frac{1}{4} \times 2\frac{1}{2} = 8\frac{1}{8}$$

$$\text{c) } 2\frac{1}{2} - 4\frac{1}{8} = -1\frac{5}{8}$$

$$\text{d) } 1\frac{5}{6} + 3\frac{3}{2} = 6\frac{1}{3}$$

$$\text{e) } 2\frac{1}{4} + 2\frac{1}{8} = 4\frac{3}{8}$$

$$\text{f) } 1\frac{1}{4} - 2\frac{3}{7} = -1\frac{5}{28}$$

(12 Marks)

3. Convert the following fractions into decimal form:

a) $\frac{1}{2} = 0.5$

b) $\frac{1}{4} = 0.25$

c) $\frac{3}{5} = 0.6$

(3 marks)

4. Write down the following decimals as fractions:

a) $0.25 = \frac{1}{4}$

b) $0.\dot{3} = \frac{1}{3}$

(2 marks)

5. Convert the following quantities into percentages:

a) $\frac{1}{2} = 50\%$

b) $\frac{1}{4} = 25\%$

c) $0.03 = 3\%$

d) $0.17 = 17\%$

e) $\frac{4}{5} = 80\%$

(5 Marks)