

**AQA, OCR, Edexcel**

**GCSE**

# **GCSE Maths**

## Fractions Answers

Name:

**M**

**M**

**E**

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Total Marks: /34

## Fractions

1. Evaluate the following:

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

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

$$\text{c) } \frac{2}{5} + \frac{6}{7} = \frac{19}{35}$$

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

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

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

(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)