

Name: \_\_\_\_\_

# GCSE (1 – 9)

## Fractions

### Instructions

- Use **black** ink or ball-point pen.
- Answer all questions.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all your working out.**

### Information

- The marks for each question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end

**1** Work out  $\frac{1}{10} + \frac{3}{5}$

.....  
**(Total for question 1 is 2 marks)**

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**2** (a) Work out  $\frac{2}{3} - \frac{1}{4}$

(b) Work out  $\frac{3}{4} \times \frac{4}{9}$

Give your answer as a fraction in its simplest form.

.....  
(2)

.....  
(2)  
**(Total for question 2 is 4 marks)**

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3 Work out  $\frac{3}{4} \times \frac{5}{6}$

.....  
**(Total for question 3 is 2 marks)**

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4 (a) Work out  $\frac{1}{5} + \frac{3}{4}$

(b) Work out  $\frac{4}{5} - \frac{1}{3}$

.....  
(2)

.....  
**(Total for question 4 is 4 marks)**

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5 Work out  $\frac{3}{4} + \frac{1}{12}$

.....  
**(Total for question 5 is 2 marks)**

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6 (a) Work out  $\frac{4}{9} + \frac{3}{5}$

(b) Work out  $\frac{3}{5} \div \frac{3}{8}$

Give your answer as a mixed number in its simplest form.

.....  
(2)

.....  
**(Total for question 6 is 4 marks)**

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7 Work out  $\frac{1}{7} \div \frac{3}{4}$

.....  
**(Total for question 7 is 2 marks)**

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8 (a) Work out  $\frac{5}{6} - \frac{1}{7}$

.....  
(2)

(b) Work out  $1\frac{3}{4} \times 1\frac{1}{2}$

Give your answer as a mixed number in its simplest form.

.....  
(2)  
**(Total for question 8 is 4 marks)**

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9 Work out  $\frac{1}{5} + \frac{2}{7}$

.....  
**(Total for question 9 is 2 marks)**

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10 (a) Work out  $\frac{3}{4} - \frac{7}{10}$

.....  
(2)

(b) Work out  $2\frac{1}{3} \times \frac{3}{5}$

Give your answer as a mixed number in its simplest form.

.....  
(2)  
**(Total for question 10 is 4 marks)**

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**11** Work out  $\frac{5}{6} - \frac{2}{5}$

.....  
**(Total for question 11 is 2 marks)**

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**12** (a) Work out  $\frac{7}{8} \div \frac{3}{4}$

Give your answer as a mixed number in its simplest form.

(b) Work out  $1\frac{5}{6} \times \frac{2}{9}$

.....  
(2)

.....  
(2)  
**(Total for question 12 is 4 marks)**

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13 Work out  $1\frac{3}{5} \div \frac{3}{4}$

.....  
(Total for question 13 is 2 marks)

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14 (a) Work out  $2\frac{1}{5} + 1\frac{1}{7}$

(b) Work out  $1\frac{1}{6} \div \frac{2}{3}$

Give your answer as a mixed number in its simplest form.

.....  
(2)

.....  
(2)  
(Total for question 14 is 4 marks)

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