

Surname	
Other Names	
Candidate's Signature	

GCSE 9 - 1 Questions

Fractions 2

Calculator Not Allowed

INSTRUCTIONS TO CANDIDATES

Write your name in the space provided.

Write your answers in the spaces provided in this question paper.

Answer ALL questions.

Any working should be clearly shown in the spaces provided since marks may be awarded for partially correct solutions.

Total Marks :

1) Which of the following fractions is nearest to $\frac{1}{4}$?

$$\frac{2}{10}, \frac{3}{20}, \frac{7}{30}, \frac{11}{40}$$

Show clearly how you decided on your answer.

Answer _____ [2]

2) Which of the following fractions is nearest to $\frac{1}{5}$?

$$\frac{3}{10}, \frac{5}{20}, \frac{7}{30} \text{ or } \frac{11}{60}$$

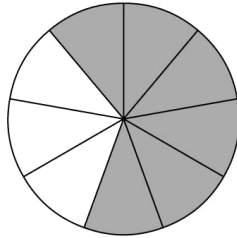
Show your working.

Answer _____ [2]

3) Write down 50p as a fraction of £4 in its simplest form. [2]

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4) (a)



Write down the fraction shaded, in its simplest form.

Answer _____ [2]

(b) Which fractions in the list

$$\frac{3}{12}$$

$$\frac{4}{15}$$

$$\frac{5}{20}$$

$$\frac{6}{24}$$

$$\frac{8}{30}$$

are **not** equivalent to $\frac{1}{4}$?

Answer _____ [2]

5) $\frac{7}{8} - \frac{1}{3}$

Answer _____ [2]

6) **Showing all your working**, write $\frac{1}{2}$, $\frac{3}{8}$ and $\frac{3}{4}$ in ascending order. [3]

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7) Karim painted a fence.

On Monday, he painted $\frac{7}{10}$ of the fence.

On Tuesday, he painted another $\frac{1}{5}$ of the fence.

On Wednesday, he finished painting the fence.

What fraction of the fence did Karim paint on Wednesday? [3]

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8) (a) Evaluate $\frac{5}{10} + \frac{8}{10}$.

Write your answer as a mixed number.

[2]

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(b) Write 15 seconds as a fraction of 1 minute in its simplest form.

[2]

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9) Calculate $4\frac{1}{4} \times 2\frac{2}{3}$

Give your answer as a mixed number.

Answer _____ [3]

10) Calculate $2\frac{1}{5} \div 1\frac{2}{3}$

Answer _____ [3]

11) Calculate $3\frac{1}{8} \div 1\frac{2}{3}$, **giving your answer as a mixed number.**

Answer _____ [3]