GCSE Exam Questions

Decimals to Fractions | Number

GCSE Exam Questions: Decimals to Fractions

1) **(a)** Write $\dfrac{2}{5}$ as a decimal.

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(1)

(b) Write $\dfrac{13}{20}$ as a decimal.

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(1)

(c) Write $\dfrac{3}{11}$ as a decimal.

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(1)

(3 marks)

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2) Circle the decimal equivalent to $2\dfrac{5}{8}$.

2.58   2.85   2.125   2.625

(1 mark)

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3) **(a)** Write 0.63 as a fraction.

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(1)

(b) Write 0.12 as a fraction in the simplest form.

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(2)

(c) Write 0.568 as a fraction in the simplest form.

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(2)

(5 marks)

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GCSE Exam Questions: Decimals to Fractions

4) Circle the fraction equivalent $0.1\dot{8}$

$$\frac{1}{8} \qquad \frac{18}{100} \qquad \frac{9}{50} \qquad \frac{2}{11}$$

(1 mark)

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GCSE Exam Questions: Decimals to Fractions Answers

	Question	Answer	Marks
1) (a)	Write $\frac{2}{5}$ as a decimal.	**(a)** 0.4	**(1)**
(b)	Write $\frac{13}{20}$ as a decimal.	**(b)** 0.65	**(1)**
(c)	Write $\frac{3}{11}$ as a decimal.	**(c)** $0.\dot{2}\dot{7}$	**(1)**
2)	Circle the decimal equivalent to $2\frac{5}{8}$. 2.58 2.85 2.125 2.625	2.625	**(1)**
3) (a)	Write 0.63 as a fraction.	**(a)** $\frac{63}{100}$	**(1)**
(b)	Write 0.12 as a fraction in the simplest form.	**(b)** $\frac{12}{100}$ $\frac{3}{25}$	**(1)** **(1)**
(c)	Write 0.568 as a fraction in the simplest form.	**(c)** $\frac{568}{1000}$ or $\frac{56.8}{100}$ $\frac{71}{125}$	**(1)** **(1)**
4)	Circle the fraction equivalent to $0.\dot{1}\dot{8}$ $\frac{1}{8}$ $\frac{18}{100}$ $\frac{9}{50}$ $\frac{2}{11}$	$\frac{2}{11}$	**(1)**

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