



THIRD SPACE
LEARNING

GCSE Exam Questions

Ordering Fractions | Number

GCSE Exam Questions: Ordering Fractions

- 1) (a) Write the following fractions in order of size.

Start with the smallest fraction.

$$\frac{1}{6}, \frac{4}{15}, \frac{1}{5}, \frac{1}{3}, \frac{7}{30}$$

(2)

- (b) Find the median.

(1)
(3 marks)

- 2) Arrange these fractions in order, smallest first.

$$\frac{2}{3}, \frac{7}{9}, \frac{5}{6}, \frac{11}{18}$$

(2 marks)

- 3) (a) Convert 0.12 into a fraction.

(1)

- (b) Convert 0.15 into a fraction.

(1)

- (c) Write these numbers in ascending order.

$$\frac{1}{2}, 0.12, \frac{1}{5}, 0.15$$

(2)
(4 marks)

GCSE Exam Questions: Ordering Fractions

4) (a) Write these numbers in ascending order.

$$0.28, \frac{3}{25}, 0.32, \frac{2}{5}, \frac{3}{10}$$

(2)

(b) Find the median.

(1)
(3 marks)

GCSE Exam Questions: Ordering Fractions Answers

	Question	Answer	Marks
1) (a)	Write the following fractions in order of size. Start with the smallest fraction. $\frac{1}{6}, \frac{4}{15}, \frac{1}{5}, \frac{1}{3}, \frac{7}{30}$	(a) $\frac{5}{30}, \frac{8}{30}, \frac{6}{30}, \frac{10}{30}, \frac{7}{30}$ Any 2 correct conversions $\frac{1}{6}, \frac{1}{5}, \frac{7}{30}, \frac{4}{15}, \frac{1}{3}$	 (1) (1)
(b)	Find the median.	(b) $\frac{7}{30}$	(1)
2)	Arrange these fractions in order, smallest first. $\frac{2}{3}, \frac{7}{9}, \frac{5}{6}, \frac{11}{18}$	$\frac{12}{18}, \frac{14}{18}, \frac{15}{18}, \frac{11}{18}$ Any 2 correct conversions $\frac{11}{18}, \frac{2}{3}, \frac{7}{9}, \frac{5}{6}$	 (1) (1)
3) (a)	Convert 0.12 into a fraction.	(a) $\frac{12}{100}$ or equivalent e.g., $\frac{6}{50}, \frac{3}{25}$	(1)
(b)	Convert 0.15 into a fraction.	(b) $\frac{15}{100}$ or equivalent e.g., $\frac{3}{20}$	(1)
(c)	Write these numbers in ascending order. $\frac{1}{2}, 0.12, \frac{1}{5}, 0.15$	(c) Correct conversion for $\frac{1}{2}$ or $\frac{1}{5}$, e.g., $\frac{50}{100}$ or $\frac{20}{100}$ or 0.5 or 0.2 $0.12, 0.15, \frac{1}{5}, \frac{1}{2}$	 (1) (1)
4) (a)	Write these numbers in ascending order. $0.28, \frac{3}{25}, 0.32, \frac{2}{5}, \frac{3}{10}$	(a) $\frac{28}{100}, \frac{12}{100}, \frac{32}{100}, \frac{40}{100}, \frac{30}{100}$ Any 2 correct conversions $\frac{3}{25}, 0.28, \frac{3}{10}, 0.32, \frac{2}{5}$	 (1) (1)
(b)	Find the median.	(b) $\frac{3}{10}$	(1)

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