

Ordering fractions and decimals

Grade 3 | Foundation | 16 questions, 25 marks

GCSE Maths topic practice



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Name: _____ **Date:** _____ **Score:** _____ / 25

- 1** Write these fractions in order of size, starting with the smallest.

$$\frac{1}{2} \quad \frac{1}{5} \quad \frac{1}{3} \quad \frac{1}{10}$$

(1 mark)

Answer _____

- 2** Write down the larger number: 0.8 or 0.75

(1 mark)

Answer _____

- 3** Here are four numbers.

0.505 0.55 0.5 0.51

Write down the smallest of these numbers.

(1 mark)

Answer _____

- 4** Write down the value of the 6 in the number 3.462

(1 mark)

Answer _____

- 5** Work out 4.37×100

(1 mark)

Answer _____

- 6** Write these numbers in order of size. Start with the smallest number.

0.72 0.7 0.702 0.727 0.27

(1 mark)

Answer _____

7 Choose the correct symbol, <, > or =, to make each statement true.

a. $\frac{3}{5}$ — $\frac{7}{10}$

b. $\frac{4}{6}$ — $\frac{2}{3}$

(2 marks)

Answer _____

8 Write these numbers in order of size, starting with the smallest.

0.9 0.09 0.19 0.1

(2 marks)

Answer _____

9 Write these fractions in order of size, starting with the smallest.

$\frac{3}{4}$ $\frac{5}{8}$ $\frac{1}{2}$ $\frac{7}{8}$

(2 marks)

Answer _____

10 Which is larger, $\frac{5}{8}$ or 0.6?

You must show your working.

(2 marks)

Answer _____

11 Write these fractions in order of size, starting with the smallest.

$\frac{2}{3}$ $\frac{3}{4}$ $\frac{7}{12}$ $\frac{5}{6}$

(2 marks)

Answer _____

12 Write < or > in each box to make each statement true.

a. 0.34 □ 0.4

b. 2.5 □ 2.45

(2 marks)

Answer _____

13 Write down a decimal that is bigger than 0.45 and smaller than 0.46

(1 mark)

Answer _____

14 Write these numbers in order of size, starting with the smallest.

0.6 55% $\frac{1}{2}$

(1 mark)

Answer _____

15 Write these numbers in order of size, starting with the smallest.

$\frac{2}{5}$ 0.44 39% $\frac{1}{4}$

(2 marks)

Answer _____

16 Write these numbers in order of size, starting with the smallest.

$\frac{2}{3}$ 0.65 66% $\frac{5}{8}$

(3 marks)

Answer _____

End of questions | Total 25 marks