

GCSE MATHEMATICS

PLC PROJECT

INSTRUCTIONS:

Decimals 1

Content

- Understand the effects of multiplying by numbers between 0 and 1
- Divide a number by a decimal such as $1 \div 0.2$ and 2.8 divided by 0.07
- Multiply two decimals such as 2.4×0.7
- Convert decimals to fractions and percentages and percentages & fractions to decimals
- Order decimals

Question 1

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

0.705 0.75 0.7

.....
(1)

Question 2

Write 3% as a fraction.

.....
(1)

Question 3

Write 60% as a decimal.

.....
(1)

Question 4

Write 0.85 as a percentage.

.....%
(1)

Question 5

The cost of a calculator is £6.79

Work out the cost of 28 of these calculators.

£

(Total 3 marks)

Question 6

(a) Calculate $1 \div 0.2$

.....
(1)

(b) Calculate $2.4 \div 0.6$

.....
(1)

(c) Calculate 3.7×0.4

.....
(1)

Total Mark / 10