

Challenges – Thursday 2nd April

Part 1

2.25 = 2 ones, 2 tenths and 5 hundredths.

Can you write the following numbers in at least three different ways?

23.7

2.37

9.08

0.98

Part 2

Amir says,



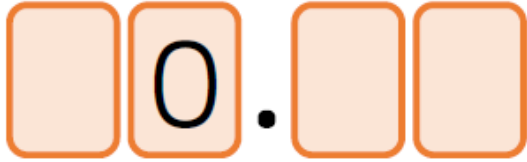
To convert a fraction to a decimal, take the numerator and put it after the decimal point.

$$\text{E.g. } \frac{21}{100} = 0.21$$

Write two examples of converting fractions to decimals to prove this does not always work.

Part 3

Use the digits 3, 4 and 5 to complete the decimal number.



List all the possible numbers you can make.

Write these decimals as mixed numbers.

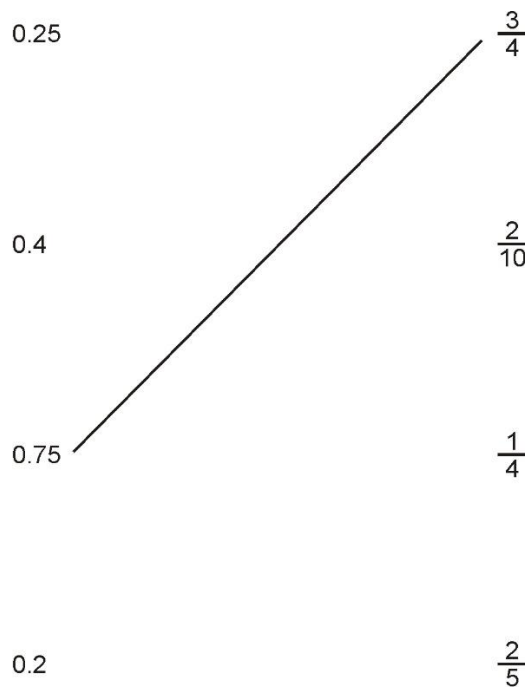
Choose three of the numbers and write them in words.

Part 4

Q1.

Match each decimal number to its equivalent fraction.

One has been done for you.



1 mark

Q2.

Write in the missing numbers.

One is done for you.

$$0.321 = \frac{\boxed{321}}{1,000}$$

$$2.433 = \frac{\boxed{}}{1,000}$$

$$\boxed{} = \frac{457}{1,000}$$

$$\boxed{} = \frac{23}{1,000}$$

2 marks

Q3.

Here are three symbols.

< > =

Write one symbol in each box to make the statements correct.

$$\frac{7}{10} \boxed{} 0.07$$

$$\frac{23}{1000} \boxed{} 0.23$$

1 mark