

21.1.21

L.O I recognise the place value up to 3 decimal places.

Challenge A

Use www.mathsbot.com to support you when completing these challenges.

Hundreds	Tens	Units	Tenths	Hundredths	Thousandths

STEM SENTENCES

There are ____ hundreds.

There are ____ tens.

There are ____ ones/units.

There are ____ tenths.

There are ____ hundredths.

There are ____ thousandths

Use counters and a place value chart to represent these numbers.

3.456

72.204

831.07

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Hundreds	Tens	Ones	Tenths	Hundredths	Thousandths

Challenge B

Write down the value of the 3 in the following number

0.53 362.44 739.8 0.013 3,420.98

Challenge C

Complete the sentences.



There are ___ ones, ___ tenths, ___ hundredths and ___ thousandths.

The number in digits is _____

Challenge D

Tommy says,



The more decimal places a number has, the smaller the number is.

Do you agree?
Explain why.

Challenge E

Alex says that 3.24 can be written as 2 ones, 13 tenths and 4 hundredths.

Do you agree?

How can you partition 3.24 starting with 2 ones?

How can you partition 3.24 starting with 1 one?

Think about exchanging between columns.