Tuesday 19th January 2021

-To understand decimals with up to 3 decimal places.

Practice

◼ Complete the sentences.

① ① 0.1 0.01 0.001 0.001 0.001
① 0.1 0.001 0.001 0.001

There are ____ ones, ____ tenths, ____ hundredths and ____ thousandths.
The number in digits is _____

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

3.456   72.204   831.07

Hundreds	Tens	Ones	•	Tenths	Hundredths	Thousandths

◼ Write down the value of the 3 in the following numbers.

0.53   362.44   739.8   0.013   3,420.98

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Reasoning

Tommy says,

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

Do you agree?
Explain why.

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.

Problem Solving

Four children are thinking of four different numbers.

3.454	4.445
4.345	3.54

Teddy: "My number has four hundredths."

Alex: "My number has the same amount of ones, tenths and hundredths."

Dora: "My number has less ones that tenths and hundredths."

Jack: "My number has 2 decimal places."

Match each number to the correct child.