Fluency:

Which number is represented on the place value chart?

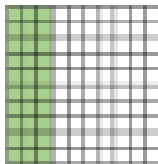| Ones	Tenths	Hundredths
	0.1	0.01 0.01
0	1	2

There are ____ ones, ____ tenths and ____ hundredths.

The number is ____

What fraction is shown in both representations? Can you convert this in to a decimal?

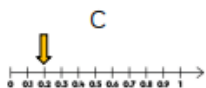$\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$
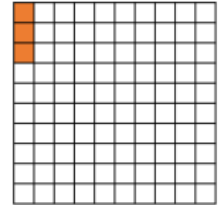
The fraction ____ is the same as the decimal _____

$$0.3 = \frac{3}{10} = \frac{30}{100}$$

Problem Solving:

Which of the images below is the odd one out?

A 0.1 0.1

B

C 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1

D $\frac{1}{10}$ $\frac{1}{10}$

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

☐ 0 . ☐ ☐

List all the possible numbers you can make.

0.394

= 3 tenths, 9 hundredths and 4 thousandths

$$= \frac{3}{10} + \frac{9}{100} + \frac{4}{1000}$$

$$= 0.3 + 0.09 + 0.004$$

Mathematical Talk:

When do we need to use zero as a place holder?
How many tenths are in a whole?
How many hundredths are there in 1 tenth?
When rounding to the nearest one decimal place, how many digits will there be after the decimal point?

Key Skills: Multiply and divide numbers mentally drawing upon known facts
If 6 x 4 = 24 then 60 x 40 = 2400   If 18 ÷ 3 = 6 then 180 ÷ 30 = 6