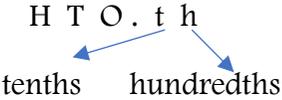




	$6/10 = 0.6 = 6 \text{ tenths}$			Shade them in. The decimal and fraction look like this  $34/100 = 0.34 = 34 \text{ hundredths.}$	
<b>Resources you will need</b>	Pencil / paper / colour paper / colour pencils	Pencil / paper	Pencil/ paper	Pencil / paper	Pencil / paper
<b>Tips / Clues or methods to help</b>	Place value - decimals  	Look back at yesterday's work if you get a bit confused.  Keep practicing with your times tables cards.			READ the problem carefully.  Use colouring pencils to illustrate what they are saying.

Day 1

Shade the bar models to represent the amounts.

a) 7 tenths



b)  $\frac{4}{10}$



c) 0.3



Complete the table to show the fractions and decimals the bar models represent.

Bar model	Fraction	Decimal

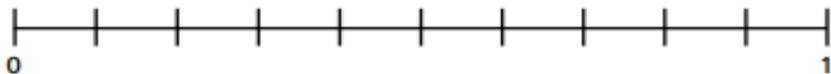
Write each fraction and decimal in the correct place on the number line.

$\frac{2}{10}$

0.6

$\frac{9}{10}$

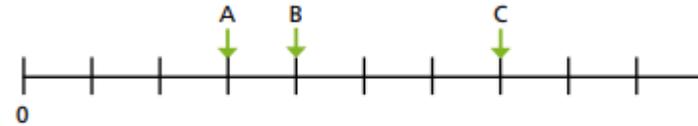
0.1



Day 2

Work out the values of A, B and C.

Give your answers as fractions and decimals.



A  or

B  or

C  or

Match the equivalent fractions, decimals and words.

$\frac{3}{10}$

0.7

four tenths

$\frac{9}{10}$

0.3

one tenth

$\frac{7}{10}$

0.4

three tenths

$\frac{4}{10}$

0.1

nine tenths

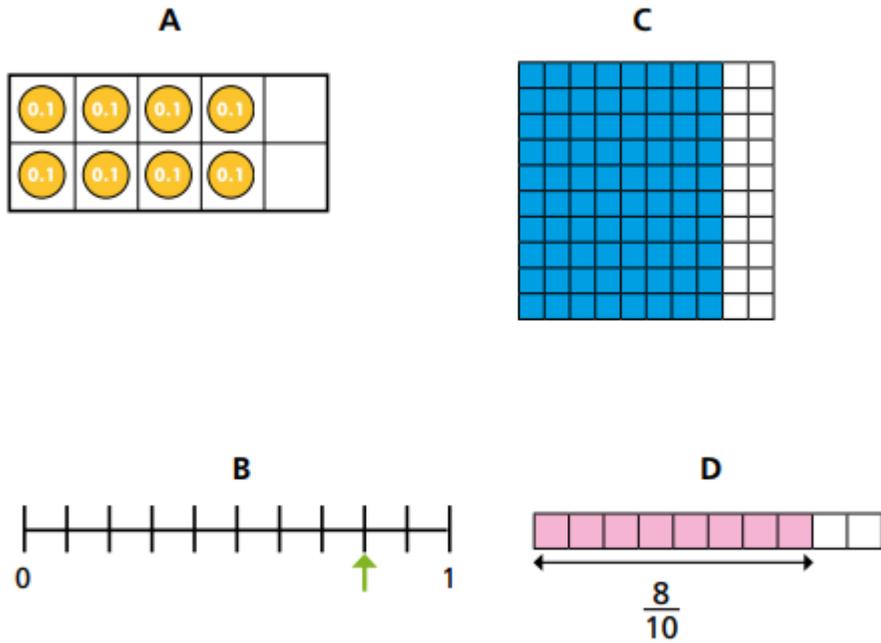
$\frac{1}{10}$

0.9

seven tenths

Day 3

Eight tenths can be represented in all of the ways shown.



Which do you think is the best representation? \_\_\_\_\_

Why do you think that the one you chose is the best representation?

Now represent 6 tenths in the 4 different ways.

Day 4

Complete the table.

Hundred square	Words	Fraction	Decimal
	thirty-six hundredths		
		$\frac{82}{100}$	
			0.27
	seven tenths		
			0.3

Day 5

The counters represent tenths and hundredths.

a) Match the decimals to the groups of counters.

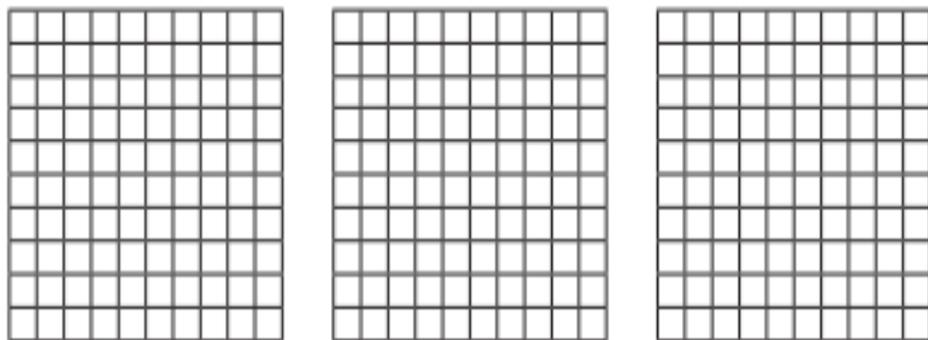
0.04      0.4      0.14      0.41



b) Write each decimal as a fraction.

0.04 =       0.4 =       0.14 =       0.41 =

6 Shade the hundred squares to represent 12 hundredths in three different ways.



Compare answers with a partner.

What is the same? What is different?

Dora: 0.6 of the hundred square is shaded.

Ron: 6 tenths of the hundred square is shaded.

Whitney: 0.60 of the hundred square is shaded.

Jack: 60 hundredths of the hundred square is shaded.

Who do you agree with? \_\_\_\_\_  
Explain why.

Answers

Day 1

Shade the bar models to represent the amounts.

a) 7 tenths



b)  $\frac{4}{10}$



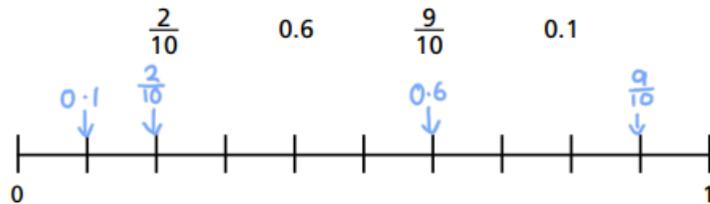
c) 0.3



Complete the table to show the fractions and decimals the bar models represent.

Bar model	Fraction	Decimal
	$\frac{1}{10}$	0.1
	$\frac{5}{10}$	0.5
	$\frac{6}{10}$	0.6
	$\frac{3}{10}$	0.3

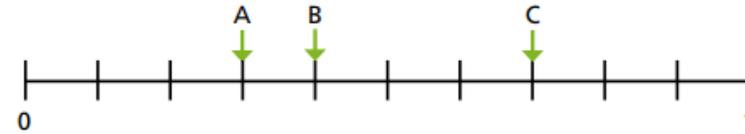
Write each fraction and decimal in the correct place on the number line.



Day 2

Work out the values of A, B and C.

Give your answers as fractions and decimals.

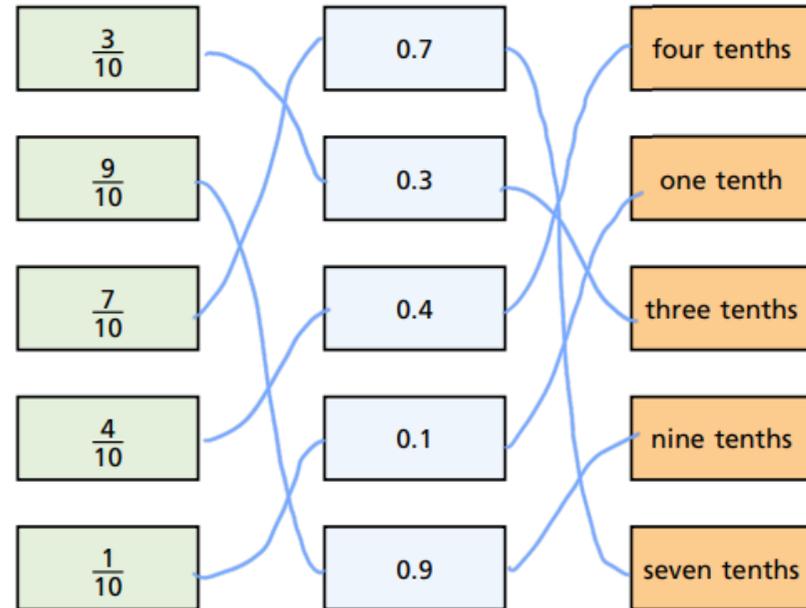


A  $\frac{3}{10}$  or 0.3

B  $\frac{4}{10}$  or 0.4

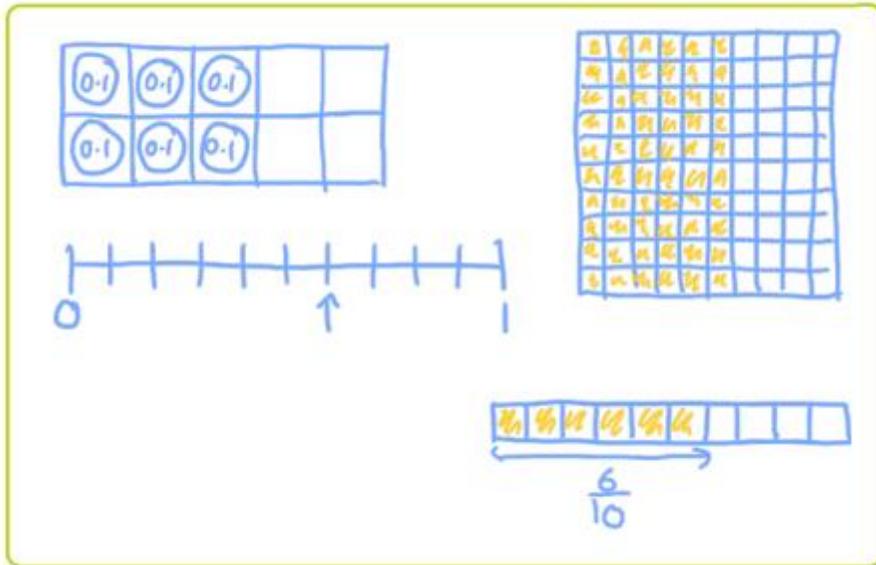
C  $\frac{7}{10}$  or 0.7

Match the equivalent fractions, decimals and words.



Day 3

Represent six tenths in each different way.



Day 4

Complete the table.

Hundred square	Words	Fraction	Decimal
	thirty-six hundredths	$\frac{36}{100}$	0.36
	eighty-two hundredths	$\frac{82}{100}$	0.82
	twenty-seven hundredths	$\frac{27}{100}$	0.27
	twelve hundredths	$\frac{12}{100}$	0.12
	seven tenths	$\frac{7}{10}$	0.7
	three tenths	$\frac{3}{10}$	0.3

Day 5

The counters represent tenths and hundredths.

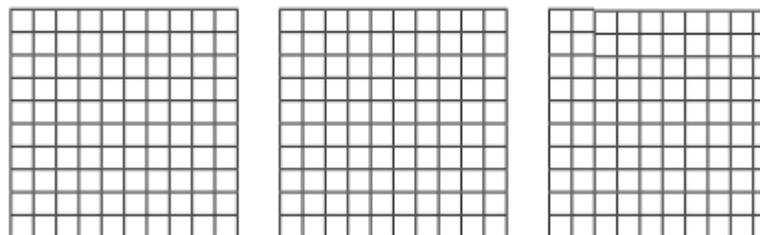
a) Match the decimals to the groups of counters.

0.04      0.4      0.14      0.41

b) Write each decimal as a fraction.

$0.04 = \frac{4}{100}$      
  $0.4 = \frac{4}{10}$      
  $0.14 = \frac{14}{100}$      
  $0.41 = \frac{41}{100}$

6 Shade the hundred squares to represent 12 hundredths in three different ways. *Various answers*



Dora: 0.6 of the hundred square is shaded.

Ron: 6 tenths of the hundred square is shaded.

Whitney: 0.60 of the hundred square is shaded.

Jack: 60 hundredths of the hundred square is shaded.

Who do you agree with? All  
 Explain why.