

Decimals up to 2 d.p.

- 1 What number is represented on the place value chart?

Ones	Tenths	Hundredths
	0.1 0.1	0.01 0.01 0.01
0	2	3

Complete the sentences.

There are ones, tenths and hundredths.

The number is .

- 2 Represent these numbers on a place value chart.

Complete the sentences.

- a) 0.56

There are ones, tenths and hundredths.

- b) 0.08

There are ones, tenths and hundredths.

- c) 1.48

There is one, tenths and hundredths.

- d) 2.07

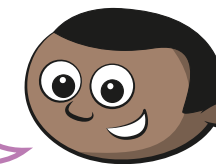
There are ones, tenths and hundredths.



3

Mo is thinking about tenths and hundredths.

In the number 2.49
the digit 4 represents
4 tenths or 0.4



What is the value of the digit 4 in each of these numbers?

a) 14.8 _____ d) 42.03 _____

b) 13.74 _____ e) 106.48 _____

c) 8.04 _____ f) 176.4 _____

4

- a) Circle the number that has 5 in the tenths position.

53

5.3

0.53

0.35

- b) Write three numbers that have 3 in the hundredths position.

5

Complete the calculations.

a) $0.64 = 0.6 + \boxed{}$

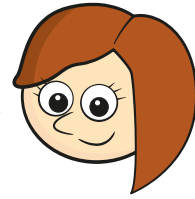
c) $0.3 + 0.05 = \boxed{}$

b) $0.53 = 0.5 + \boxed{}$

d) $0.06 + 0.8 = \boxed{}$

- 6 Rosie is finding different ways to partition 0.73

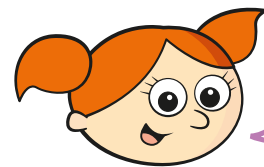
0.73 = 0.7 + 0.03
or 0.3 + 0.43



Ones	Tenths	Hundredths
0	7	3

In what other ways can 0.73 be partitioned?
List as many ways as you can below.

- 7 Alex is thinking of a number.



My number has 3 digits,
is greater than 1 but less than
2 and has 3 tenths.

- a) What number could Alex be thinking of?
Talk about it with a partner.
- b) Write all the possible numbers Alex could be thinking of.

- c) Write another clue that would mean Alex's number is 1.34

- 8 Match the words to the numerals.

5 ones, 6 tenths and 5 hundredths

0.56

5 tenths and 6 hundredths

60.05

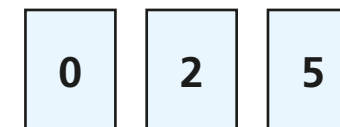
5 ones, 5 tenths and 6 hundredths

5.56

6 tens and 5 hundredths

5.65

- 9 Annie has three digit cards.



Are the statements true or false? Explain your answers.

- a) The largest number Annie can make is 5.02

- b) The smallest number Annie can make is 0.25

- c) Annie can make six different numbers.



Decimals up to 2 d.p.



- 1 What number is represented on the place value chart?

Ones	Tenths	Hundredths
	0.1 0.1	0.01 0.01 0.01
0	2	3

Complete the sentences.

There are 0 ones, 2 tenths and 3 hundredths.

The number is 0.23.

- 2 Represent these numbers on a place value chart.

Complete the sentences.

- a) 0.56

There are 0 ones, 5 tenths and 6 hundredths.

- b) 0.08

There are 0 ones, 0 tenths and 8 hundredths.

- c) 1.48

There is 1 one, 4 tenths and 8 hundredths.

- d) 2.07

There are 2 ones, 0 tenths and 7 hundredths.



- 3 Mo is thinking about tenths and hundredths.

In the number 2.49
the digit 4 represents
4 tenths or 0.4



What is the value of the digit 4 in each of these numbers?

a) 14.8 4 ones (4) d) 42.03 4 tens (40)

b) 13.74 4 hundredths (0.04) e) 106.48 4 tenths (0.4)

c) 8.04 4 hundredths (0.04) f) 176.4 4 tenths (0.4)

- 4 a) Circle the number that has 5 in the tenths position.

53

5.3

0.53

0.35

- b) Write three numbers that have 3 in the hundredths position.

0.53, 0.93, 17.03

- 5 Complete the calculations.

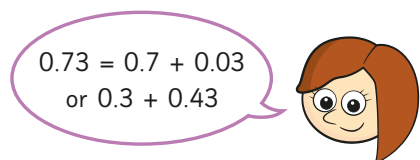
a) $0.64 = 0.6 + \boxed{0.04}$

c) $0.3 + 0.05 = \boxed{0.35}$

b) $0.53 = 0.5 + \boxed{0.03}$

d) $0.06 + 0.8 = \boxed{0.86}$

- 6 Rosie is finding different ways to partition 0.73



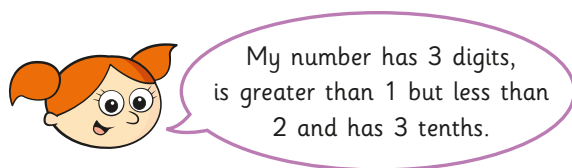
Ones	Tenths	Hundredths
0	7	3

In what other ways can 0.73 be partitioned?

List as many ways as you can below.

$$\begin{array}{l} 0.73 = 0.7 + 0.03 \\ 0.73 = 0.6 + 0.13 \\ 0.73 = 0.5 + 0.23 \\ 0.73 = 0.4 + 0.33 \\ 0.73 = 0.3 + 0.43 \\ 0.73 = 0.2 + 0.53 \\ 0.73 = 0.1 + 0.63 \end{array}$$

- 7 Alex is thinking of a number.



- a) What number could Alex be thinking of?

Talk about it with a partner.

- b) Write all the possible numbers Alex could be thinking of.

1.31 1.32 1.33 1.34 1.35
1.36 1.37 1.38 1.39

- c) Write another clue that would mean Alex's number is 1.34

It has 4 hundredths.

- 8 Match the words to the numerals.

5 ones, 6 tenths and 5 hundredths	0.56
5 tenths and 6 hundredths	60.05
5 ones, 5 tenths and 6 hundredths	5.56
6 tens and 5 hundredths	5.65

- 9 Annie has three digit cards.



Are the statements true or false? Explain your answers.

- a) The largest number Annie can make is 5.02

False. $5.20 > 5.02$

- b) The smallest number Annie can make is 0.25

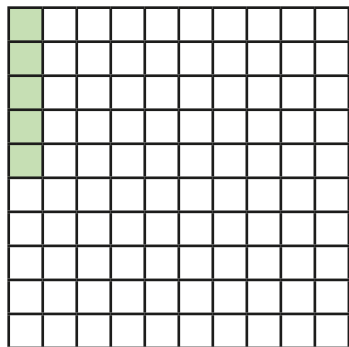
True. The only other number with 0 ones is 0.52 which is greater than 0.25

- c) Annie can make six different numbers.

True 0.25 0.52 2.05 2.50
5.02 5.20

Decimals as fractions (1)

- 1 The hundred square represents 1 whole.

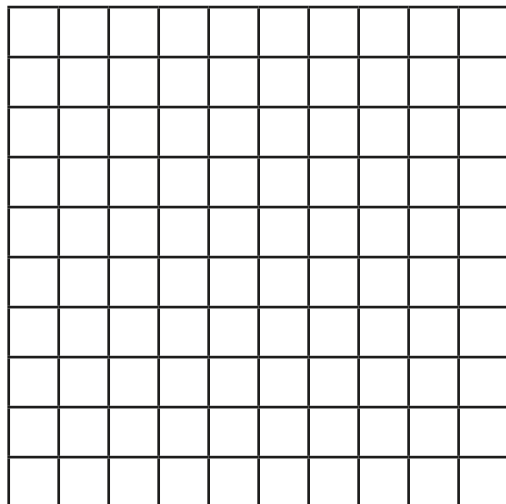


a) What fraction is represented by the shaded squares?

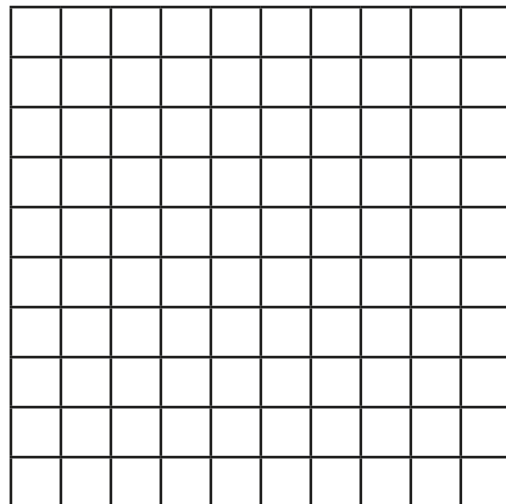
b) Convert the fraction to a decimal.

- 2 Colour the grid to represent the fraction and the decimal.

a) $\frac{7}{100}$



b) 0.17



- 3 What fractions and decimals do the counters represent?

a) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = decimal =

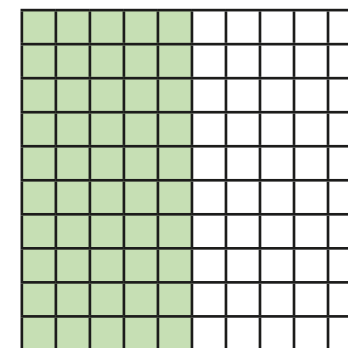
b) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = decimal =

c) $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

fraction = decimal =

- 4 Amir has coloured part of a hundred square.



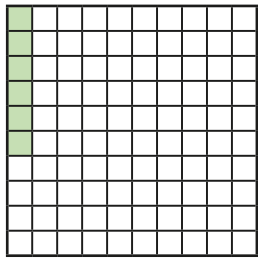
a) What fraction is represented by the coloured squares?

100

b) Write this fraction in a different way.

c) Write the fraction as a decimal.

- 5 Huan says he has coloured 0.6 of the hundred square.



Explain the mistake that Huan has made.

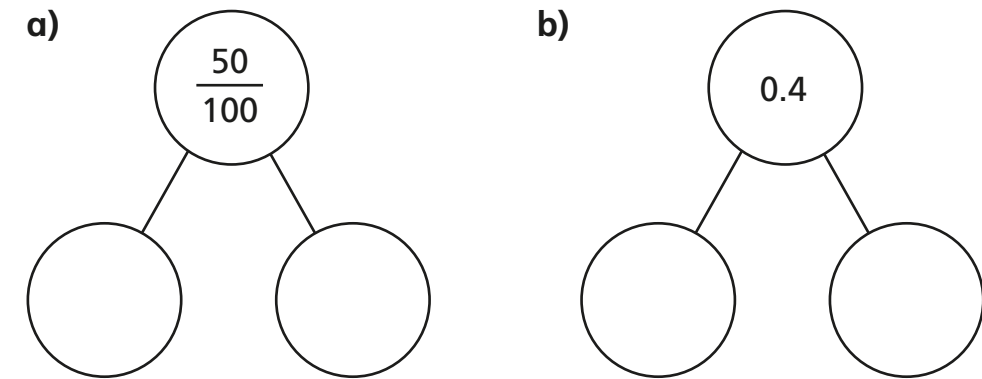
- 6 Write $<$, $>$ or $=$ to complete the statements.

- a) 0.4 $\frac{40}{100}$ d) 0.5 $\frac{5}{100}$
 b) 0.02 $\frac{20}{100}$ e) 0.88 $\frac{88}{100}$
 c) 0.6 $\frac{6}{10}$ f) 0.88 $\frac{89}{100}$

- 7 Complete the table.

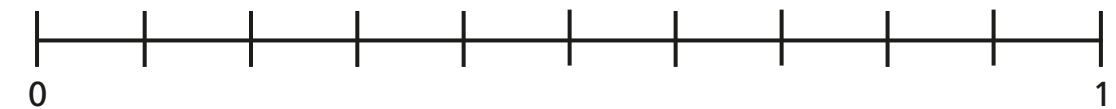
Fifths	Tenths	Decimals
$\frac{1}{5}$	$\frac{\boxed{}}{10}$	0.2
$\frac{\boxed{}}{5}$	$\frac{4}{10}$	
		0.6
$\frac{4}{5}$	$\frac{8}{\boxed{}}$	

- 8 Complete the part-whole models using fractions or decimals.



Compare answers with a partner.

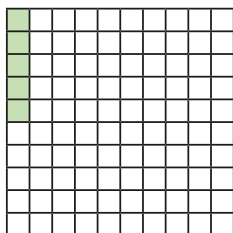
- 9 Here is a number line.



Draw arrows from the numbers to show their place on the line.

Decimals as fractions (1)

- 1 The hundred square represents 1 whole.



a) What fraction is represented by the shaded squares?

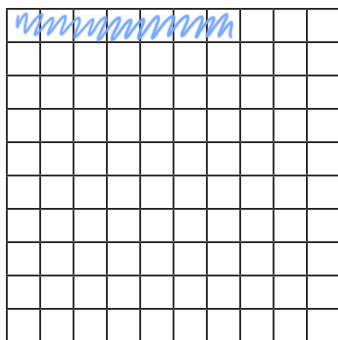
$$\frac{5}{100}$$

b) Convert the fraction to a decimal.

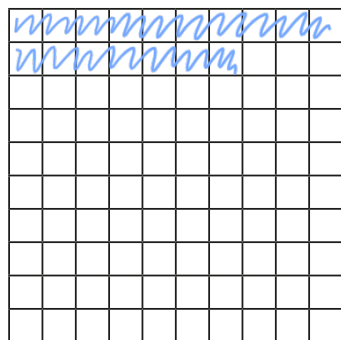
$$0.05$$

- 2 Colour the grid to represent the fraction and the decimal.

a) $\frac{7}{100}$



b) 0.17



- 3 What fractions and decimals do the counters represent?

a) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = $\frac{4}{100}$

decimal = 0.04

b) $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$ $\frac{1}{100}$

fraction = $\frac{6}{100}$

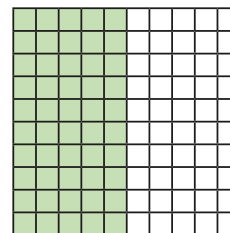
decimal = 0.06

c) $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$ $\frac{1}{10}$

fraction = $\frac{7}{10}$

decimal = 0.7

- 4 Amir has coloured part of a hundred square.



a) What fraction is represented by the coloured squares?

$$\frac{50}{100}$$

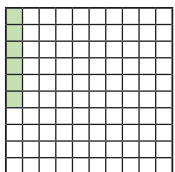
b) Write this fraction in a different way.

$$\frac{5}{10}$$

c) Write the fraction as a decimal.

$$0.5$$

- 5 Huan says he has coloured 0.6 of the hundred square.



Explain the mistake that Huan has made.

He has coloured in 6 hundredths
not 6 tenths.

- 6 Write $<$, $>$ or $=$ to complete the statements.

a) 0.4 $=$ $\frac{40}{100}$

d) 0.5 $>$ $\frac{5}{100}$

b) 0.02 $<$ $\frac{20}{100}$

e) 0.88 $=$ $\frac{88}{100}$

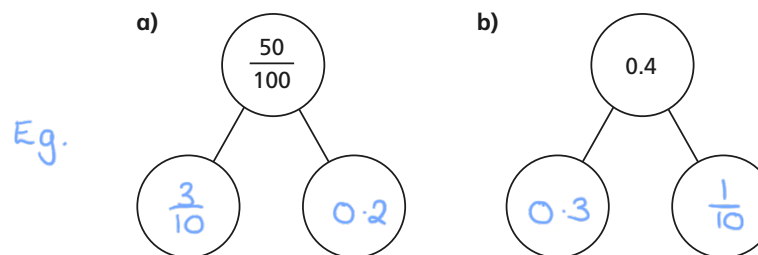
c) 0.6 $=$ $\frac{6}{10}$

f) 0.88 $<$ $\frac{89}{100}$

- 7 Complete the table.

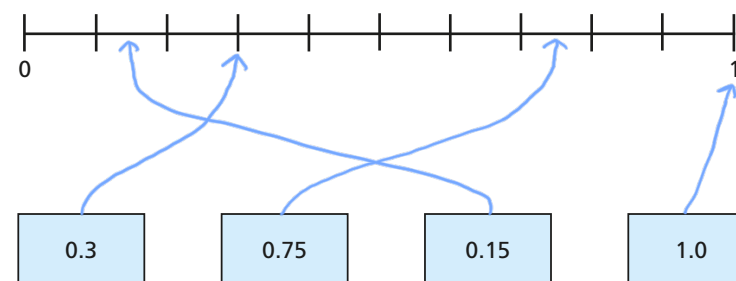
Fifths	Tenths	Decimals
$\frac{1}{5}$	$\frac{2}{10}$	0.2
$\frac{2}{5}$	$\frac{4}{10}$	0.4
$\frac{3}{5}$	$\frac{6}{10}$	0.6
$\frac{4}{5}$	$\frac{8}{10}$	0.8

- 8 Complete the part-whole models using fractions or decimals.



Compare answers with a partner.

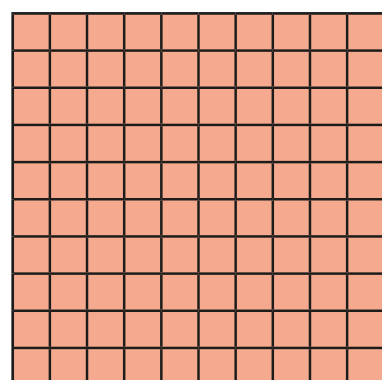
- 9 Here is a number line.



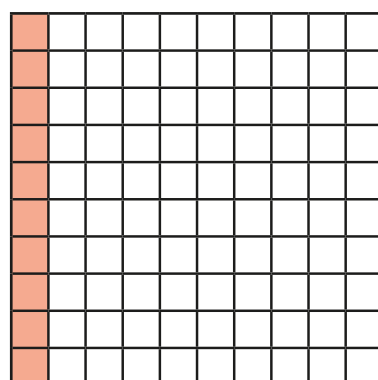
Draw arrows from the numbers to show their place on the line.

Decimals as fractions (2)

1 This grid represents 1

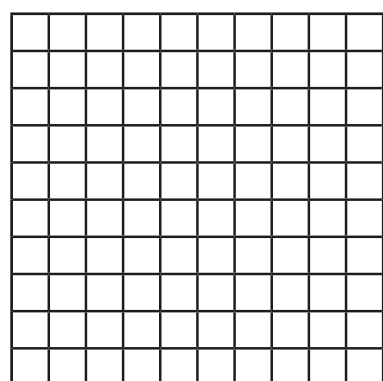


This grid represents 0.1 or $\frac{10}{100}$ or $\frac{1}{10}$

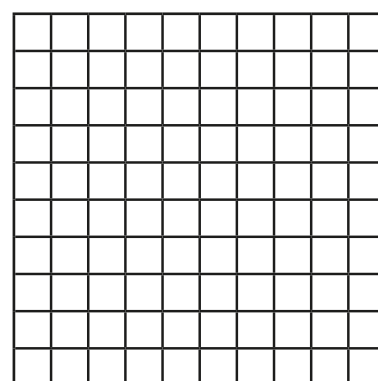


Colour the hundred squares to represent the fractions.

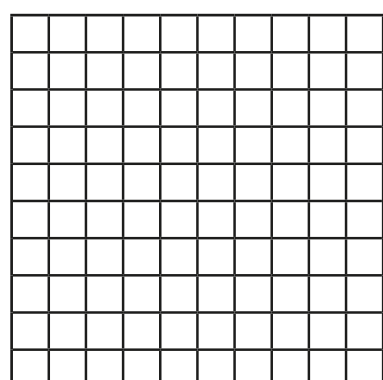
a) $\frac{2}{100}$



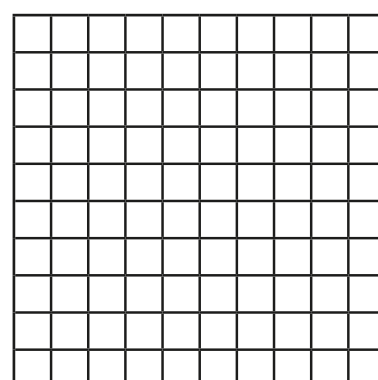
c) $\frac{20}{100}$



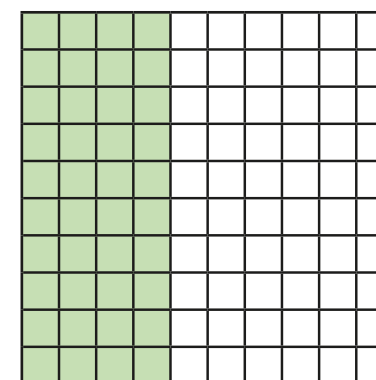
b) $\frac{2}{10}$



d) $\frac{90}{100}$



2 Complete the numbers to show how much of the square is shaded.



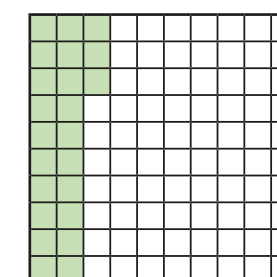
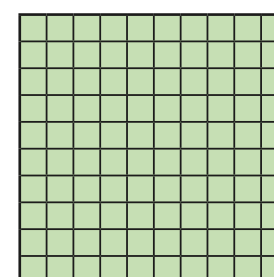
$$\frac{\boxed{}}{100}$$

$$\frac{\boxed{}}{10}$$

$$0.\underline{}$$

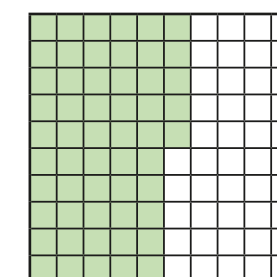
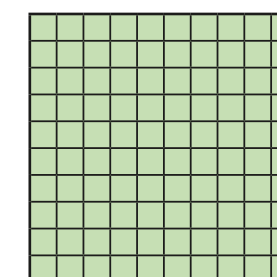
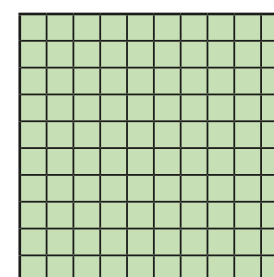
3 What fractions and decimals are represented?

a)



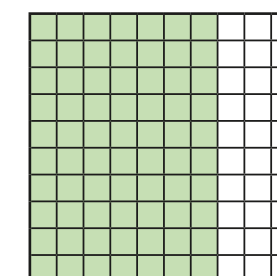
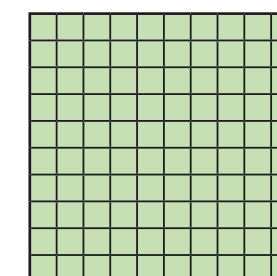
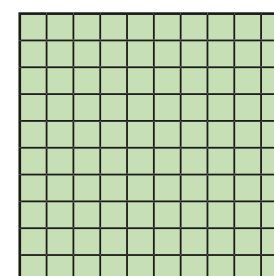
$$1 \frac{23}{100} = \boxed{}$$

b)



$$\boxed{} \frac{\boxed{}}{100} = \boxed{}$$

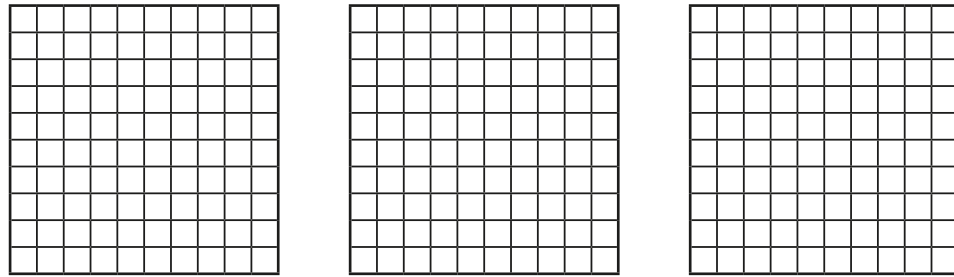
c)



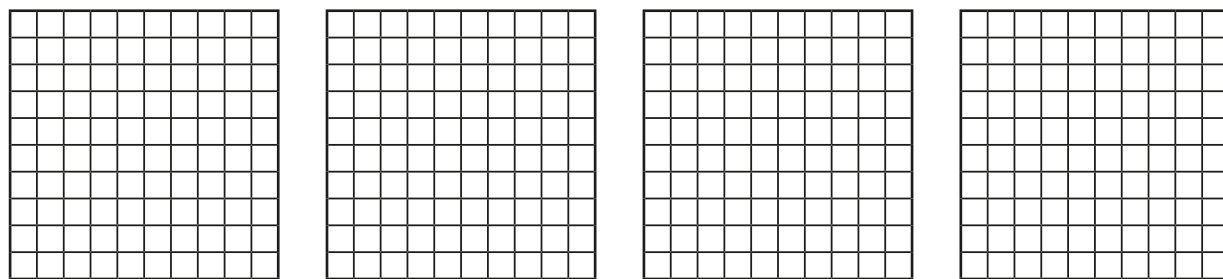
$$\boxed{} \frac{\boxed{}}{10} = \boxed{}$$

4

a) Represent 2.15

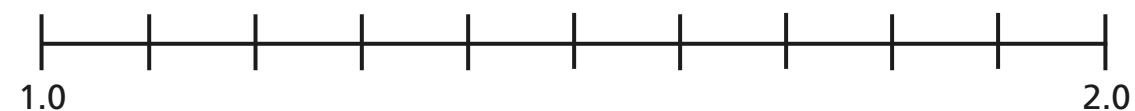


b) Represent $3\frac{7}{10}$

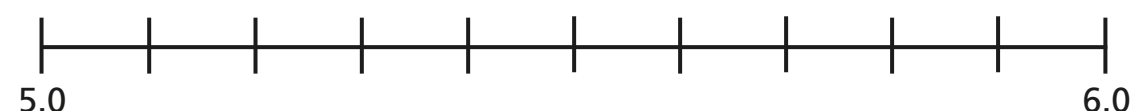


5

a) Label the number line with the decimals.



b) Label the number line with the fractions.



6

Complete the table.

Decimal	Decimal (expanded form)	Fraction	Fraction (expanded form)	In words
2.13	$2 + 0.1 + 0.03$	$2\frac{13}{100}$	$2 + \frac{1}{10} + \frac{3}{100}$	2 ones, 1 tenth and 3 hundredths
4.37		$4\frac{\boxed{}}{100}$		
	$5 + 0.6 + 0.02$			
				8 ones and 2 hundredths

7

Write the decimals as fractions.

Give your answer as a mixed number.

a) $32.6 = \boxed{}\frac{\boxed{}}{10}$

c) $13.08 = \boxed{}\frac{\boxed{}}{100}$

b) $2.03 = \boxed{}\frac{\boxed{}}{100}$

d) $3.98 = \boxed{}\frac{\boxed{}}{100}$

8

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

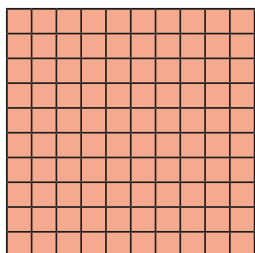


How many different numbers can you make?



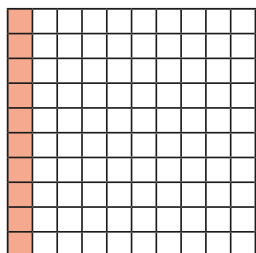
Decimals as fractions (2)

- 1 This grid represents 1



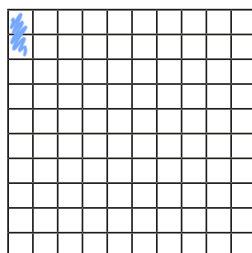
- This grid represents 0.1 or

$$\frac{10}{100} \text{ or } \frac{1}{10}$$

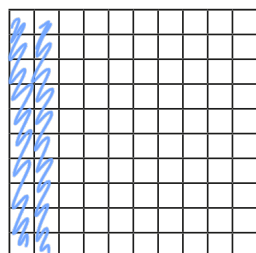


Colour the hundred squares to represent the fractions.

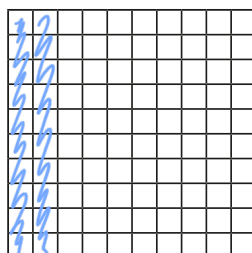
a) $\frac{2}{100}$



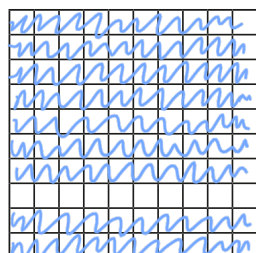
c) $\frac{20}{100}$



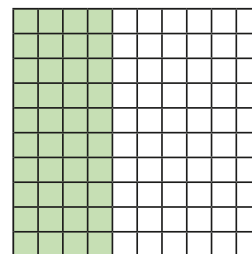
b) $\frac{2}{10}$



d) $\frac{90}{100}$



- 2 Complete the numbers to show how much of the square is shaded.



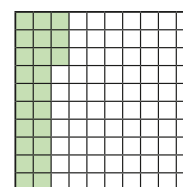
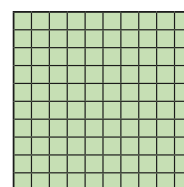
$$\frac{40}{100}$$

$$\frac{4}{10}$$

$$0.4$$

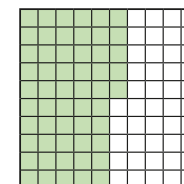
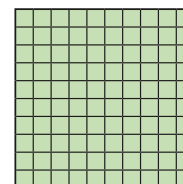
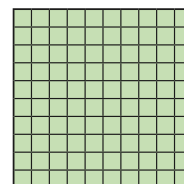
- 3 What fractions and decimals are represented?

a)



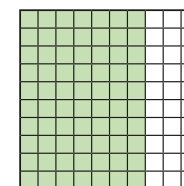
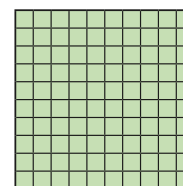
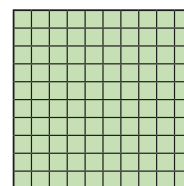
$$1 \frac{23}{100} = 1.23$$

b)



$$2 \frac{55}{100} = 2.55$$

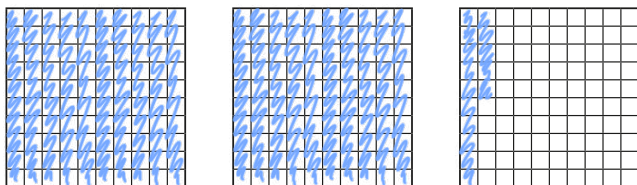
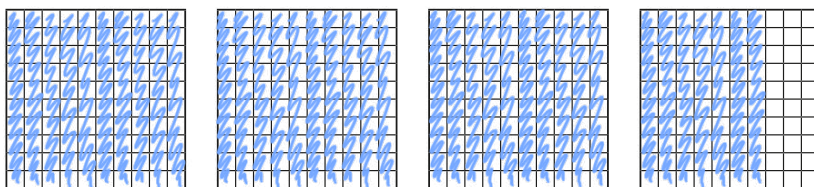
c)



$$2 \frac{7}{10} = 2.7$$

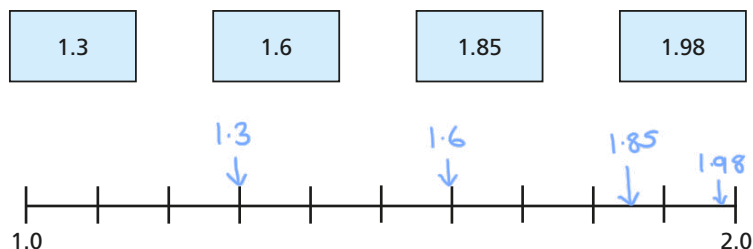
4

a) Represent 2.15

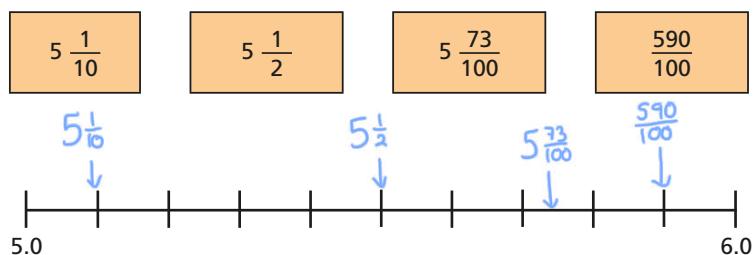
b) Represent $3\frac{7}{10}$ 

5

a) Label the number line with the decimals.



b) Label the number line with the fractions.



6

Complete the table.

Decimal	Decimal (expanded form)	Fraction	Fraction (expanded form)	In words
2.13	$2 + 0.1 + 0.03$	$2\frac{13}{100}$	$2 + \frac{1}{10} + \frac{3}{100}$	2 ones, 1 tenth and 3 hundredths
4.37	$4 + 0.3 + 0.07$	$4\frac{37}{100}$	$4 + \frac{3}{10} + \frac{7}{100}$	4 ones, 3 tenths and 7 hundredths
5.62	$5 + 0.6 + 0.02$	$5\frac{62}{100}$	$5 + \frac{6}{10} + \frac{2}{100}$	5 ones, 6 tenths and 2 hundredths
8.02	$8 + 0.02$	$8\frac{2}{100}$	$8 + \frac{2}{100}$	8 ones and 2 hundredths

7

Write the decimals as fractions.

Give your answer as a mixed number.

a) $32.6 = 32\frac{6}{10}$

c) $13.08 = 13\frac{8}{100}$

b) $2.03 = 2\frac{3}{100}$

d) $3.98 = 3\frac{98}{100}$

8

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

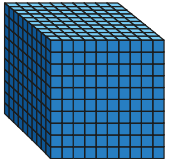
e.g. $3\boxed{4}.0\boxed{5}$

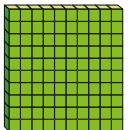
How many different numbers can you make?

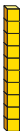
Understand thousandths



1 Tommy is using base 10 to represent decimals.

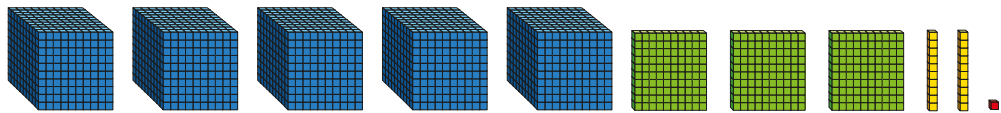
He uses  to represent 1 whole.

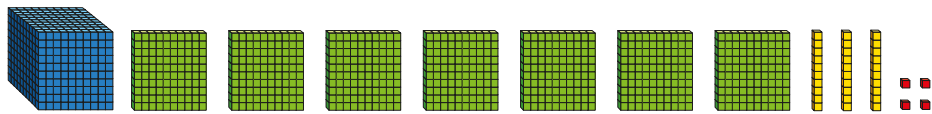
He uses  to represent $\frac{1}{10}$ or 0.1

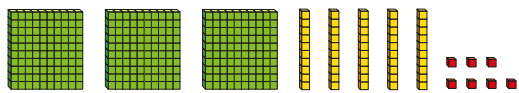
He uses  to represent $\frac{1}{100}$ or 0.01

He uses  to represent $\frac{1}{1000}$ or 0.001

What decimals are represented?

a) 

b) 

c) 

2 a) Represent each number using base 10

0.512

1.352

2.003

b) Use your representations to help you complete the statements.

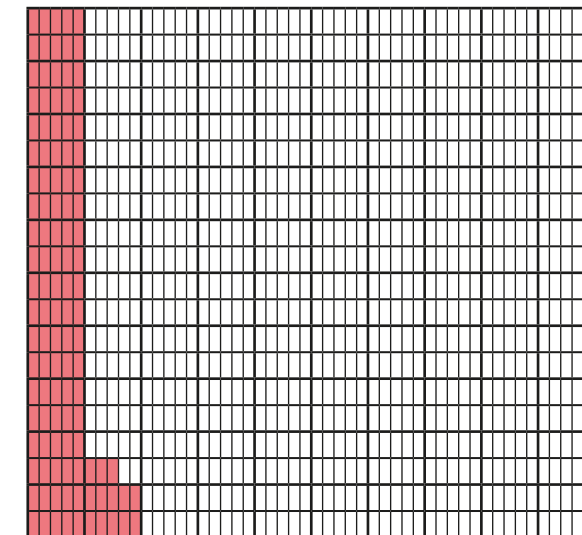
$$0.512 = 0.5 + 0.01 + \boxed{}$$

$$1.352 = 1 + \boxed{} + \boxed{} + \boxed{}$$

$$2.003 = \underline{\hspace{2cm}}$$

3 Here is a thousand square.

Part of the square has been coloured.



a) Why do you think it is called a thousand square?

b) What fraction of the square has been coloured?

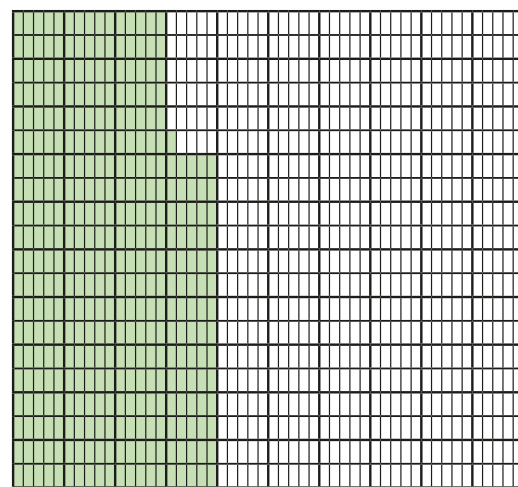
$\frac{\boxed{}}{1000}$

c) Write the fraction as a decimal.

- 4 What fraction of each square has been shaded?

Write each number as a fraction and as a decimal.

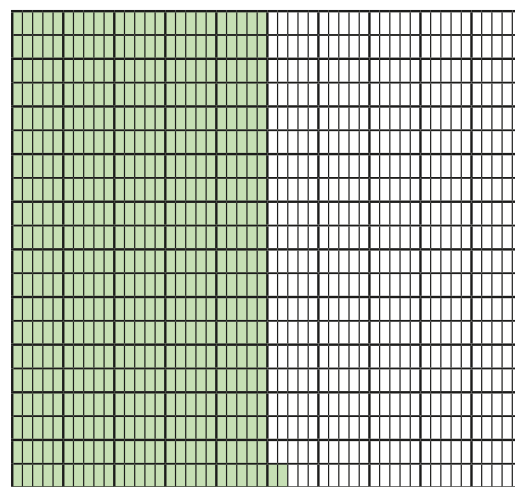
a)



fraction =

decimal =

b)

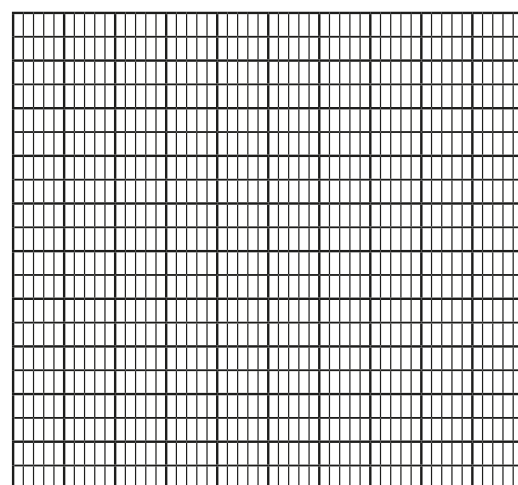


fraction =

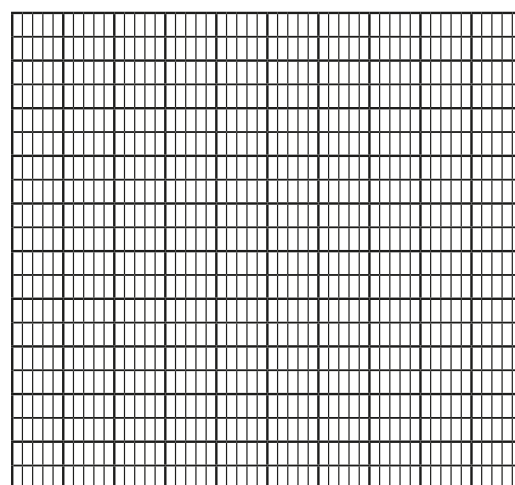
decimal =

- 5 Colour the grids to represent the fraction and decimal.

a) $\frac{73}{1000}$



b) 0.302



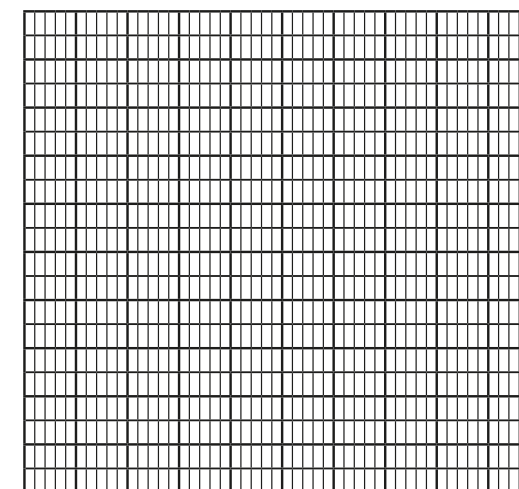
- 6 Represent these numbers on a place value chart.

a) 1.372

b) 0.091

c) 3.542

- 7 Show that $\frac{400}{1000}$ is the same as 0.4



- 8 Write the numbers represented by the place value charts.

a)

Ones	Tenths	Hundredths	Thousandths
1 1 1 1	0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.001 0.001 0.001 0.001 0.001 0.001

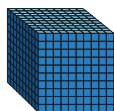
b)

Ones	Tenths	Hundredths	Thousandths
	0.1 0.1 0.1 0.1 0.1		0.001 0.001 0.001 0.001



Understand thousandths

- 1 Tommy is using base 10 to represent decimals.

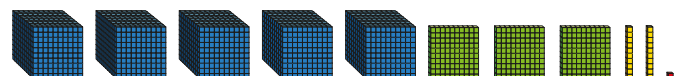
He uses  to represent 1 whole.

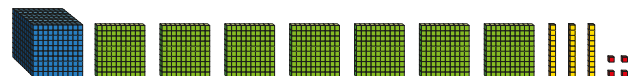
He uses  to represent $\frac{1}{10}$ or 0.1

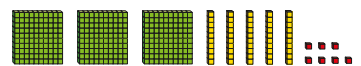
He uses  to represent $\frac{1}{100}$ or 0.01

He uses  to represent $\frac{1}{1000}$ or 0.001

What decimals are represented?

a)  5.321

b)  1.734

c)  0.357



- 2 a) Represent each number using base 10

0.512

1.352

2.003

- b) Use your representations to help you complete the statements.

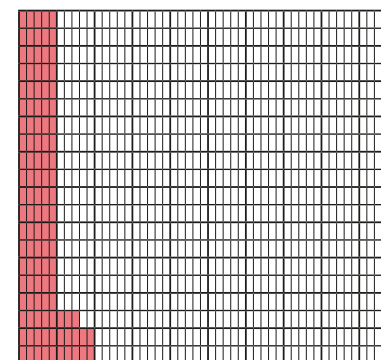
$$0.512 = 0.5 + 0.01 + \boxed{0.002}$$

$$1.352 = 1 + \boxed{0.3} + \boxed{0.05} + \boxed{0.002}$$

$$2.003 = \underline{2 + 0.003}$$

- 3 Here is a thousand square.

Part of the square has been coloured.



- a) Why do you think it is called a thousand square?

It's split into a thousand parts.

- b) What fraction of the square has been coloured?

$\frac{32}{1000}$

- c) Write the fraction as a decimal.

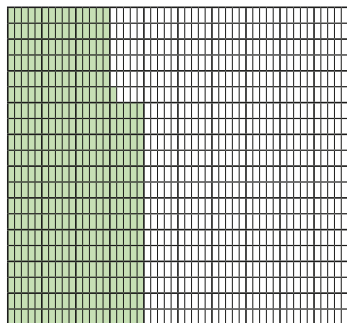
0.032



- 4 What fraction of each square has been shaded?

Write each number as a fraction and as a decimal.

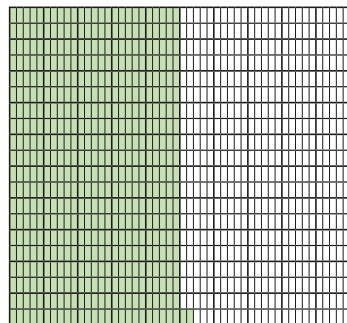
a)



fraction = $\frac{371}{1000}$

decimal = 0.371

b)

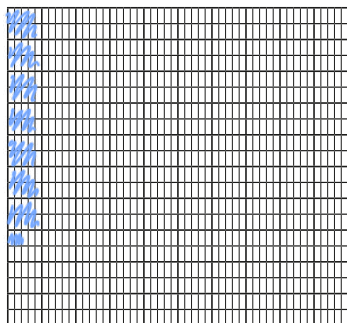


fraction = $\frac{502}{1000}$

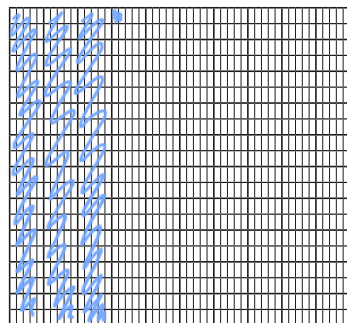
decimal = 0.502

- 5 Colour the grids to represent the fraction and decimal.

a) $\frac{73}{1000}$



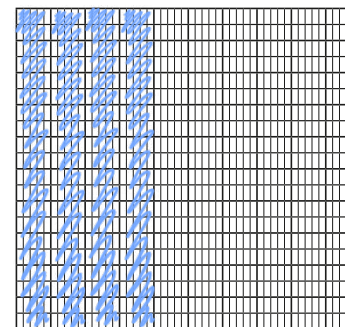
b) 0.302



- 6 Represent these numbers on a place value chart.

a) 1.372 b) 0.091 c) 3.542

- 7 Show that $\frac{400}{1000}$ is the same as 0.4



- 8 Write the numbers represented by the place value charts.

a)

Ones	Tenths	Hundredths	Thousandths
1 1 1 1	0.1 0.1	0.01 0.01 0.01 0.01 0.01 0.01 0.01	0.001 0.001 0.001 0.001 0.001 0.001

4.276

b)

Ones	Tenths	Hundredths	Thousandths
	0.1 0.1 0.1 0.1 0.1		0.001 0.001 0.001 0.001

0.504



Thousandths as decimals



1 Represent the numbers on a place value chart.

Write the decimal.

a) 5 ones, 7 tenths, 0 hundredths and 2 thousandths

b) 0 ones, 6 tenths, 2 hundredths and 9 thousandths

c) 7 ones, 0 tenths, 1 hundredth and 3 thousandths

d) 5 ones, 6 tenths, 7 hundredths and 0 thousandths

e) What would these numbers be as fractions?

Talk about it with a partner.

2 Write the mixed numbers as decimals.

a) $4 \frac{514}{1000} =$

d) $1 \frac{50}{1000} =$

b) $6 \frac{325}{1000} =$

e) $4 \frac{5}{1000} =$

c) $2 \frac{250}{1000} =$

f) $\frac{2}{1000} =$

3 Mo is placing decimal numbers on a number line.

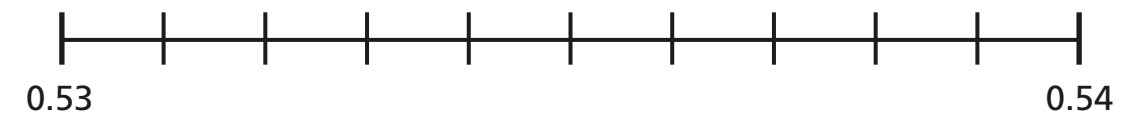
Draw an arrow from each number to its position on the number line.

0.532

0.535

0.538

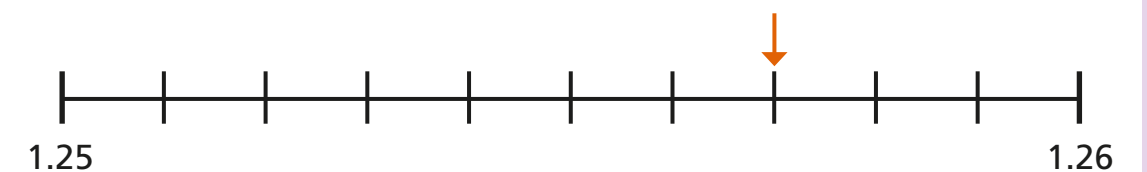
$\frac{539}{1000}$



4 What number is the arrow pointing to?

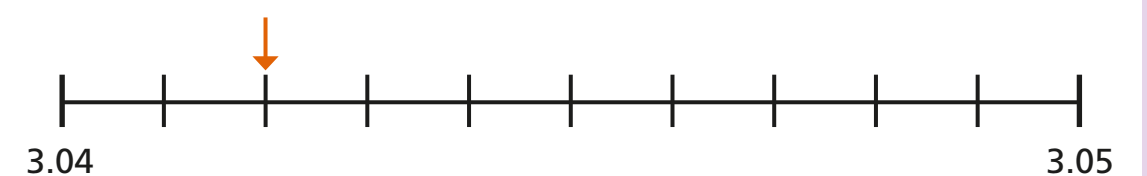
Write each number as a decimal and as a fraction.

a)



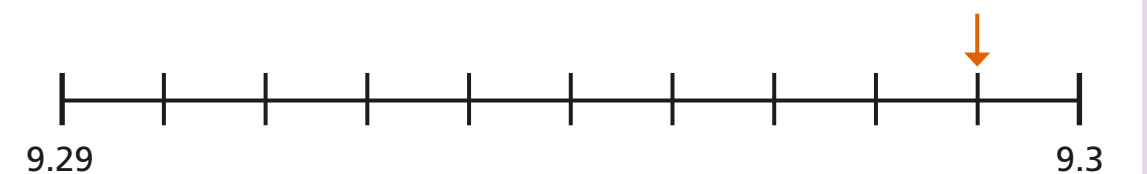
decimal = fraction = $\frac{\text{}}{1000}$

b)



decimal = fraction = $\frac{\text{}}{1000}$

c)



decimal = fraction = $\frac{\text{}}{1000}$



- 5 Complete the table to continue the pattern.

$\frac{57}{1000}$	$\frac{58}{1000}$	$\frac{\square}{1000}$	$\frac{\square}{1000}$				
0.057							

- 6 Write a decimal to complete the statement.

a) $\frac{7}{10} + \frac{3}{100} + \frac{9}{1000} = \square$

b) $\frac{9}{10} + \frac{7}{100} + \frac{1}{1000} = \square$

c) $\frac{7}{100} + \frac{9}{10} + \frac{1}{1000} = \square$

d) $\frac{2}{10} + \frac{7}{1000} = \square$

e) $\frac{6}{100} + \frac{3}{1000} = \square$

- 7 Eva has 12 plain counters.

She makes numbers using the place value chart.

1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

- a) List five numbers that Eva could make.

- b) What is the greatest and smallest number she can make with all 12 counters?

greatest $\square$ smallest $\square$

- 8 Whitney is representing 0.536

$$\frac{50}{100} + \frac{18}{1000} + \frac{18}{1000}$$

- a) Is Whitney correct? _____

Explain your answer.

- b) Partition Whitney's number another way.

Thousandths as decimals

- 1 Represent the numbers on a place value chart.

Write the decimal.

- a) 5 ones, 7 tenths, 0 hundredths and 2 thousandths

5.702

- b) 0 ones, 6 tenths, 2 hundredths and 9 thousandths

0.629

- c) 7 ones, 0 tenths, 1 hundredth and 3 thousandths

7.013

- d) 5 ones, 6 tenths, 7 hundredths and 0 thousandths

5.67

- e) What would these numbers be as fractions?

Talk about it with a partner.

- 2 Write the mixed numbers as decimals.

a) $4 \frac{514}{1000} = 4.514$

d) $1 \frac{50}{1000} = 1.05$

b) $6 \frac{325}{1000} = 6.325$

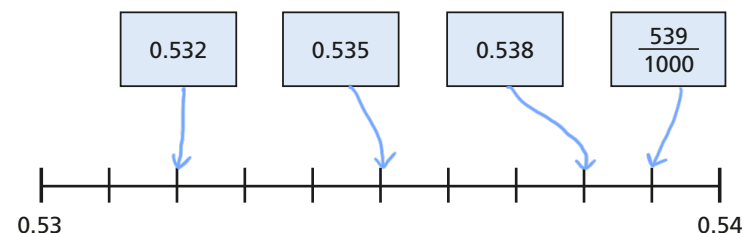
e) $4 \frac{5}{1000} = 4.005$

c) $2 \frac{250}{1000} = 2.25$

f) $\frac{2}{1000} = 0.002$

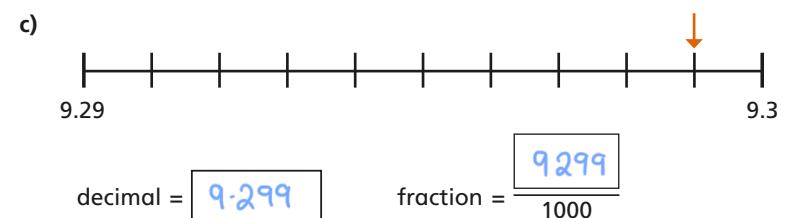
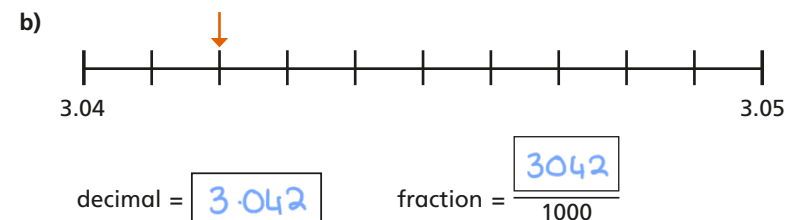
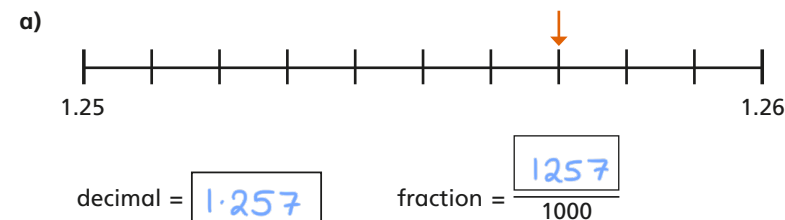
- 3 Mo is placing decimal numbers on a number line.

Draw an arrow from each number to its position on the number line.



- 4 What number is the arrow pointing to?

Write each number as a decimal and as a fraction.



- 5 Complete the table to continue the pattern.

$\frac{57}{1000}$	$\frac{58}{1000}$	$\frac{59}{1000}$	$\frac{60}{1000}$	$\frac{61}{1000}$	$\frac{62}{1000}$	$\frac{63}{1000}$	$\frac{64}{1000}$
0.057	0.058	0.059	0.06	0.061	0.062	0.063	0.064

- 6 Write a decimal to complete the statement.

a) $\frac{7}{10} + \frac{3}{100} + \frac{9}{1000} = 0.739$

b) $\frac{9}{10} + \frac{7}{100} + \frac{1}{1000} = 0.971$

c) $\frac{7}{100} + \frac{9}{10} + \frac{1}{1000} = 0.971$

d) $\frac{2}{10} + \frac{7}{1000} = 0.207$

e) $\frac{6}{100} + \frac{3}{1000} = 0.063$

- 7 Eva has 12 plain counters.

She makes numbers using the place value chart.

1	$\frac{1}{10}$	$\frac{1}{100}$	$\frac{1}{1000}$

- a) List five numbers that Eva could make.

e.g. 5.304 6.024 10.011
 3.441 1.551

- b) What is the greatest and smallest number she can make with all 12 counters?

greatest 12 smallest 0.012

- 8 Whitney is representing 0.536

$$\frac{50}{100} + \frac{18}{1000} + \frac{18}{1000}$$

- a) Is Whitney correct? yes

Explain your answer.

- b) Partition Whitney's number another way.

e.g. $0.536 = \frac{1}{2} + \frac{3}{100} + \frac{6}{1000}$