

Mr Sayer's Maths Group

Monday 4th May

LO: Tenths as decimals

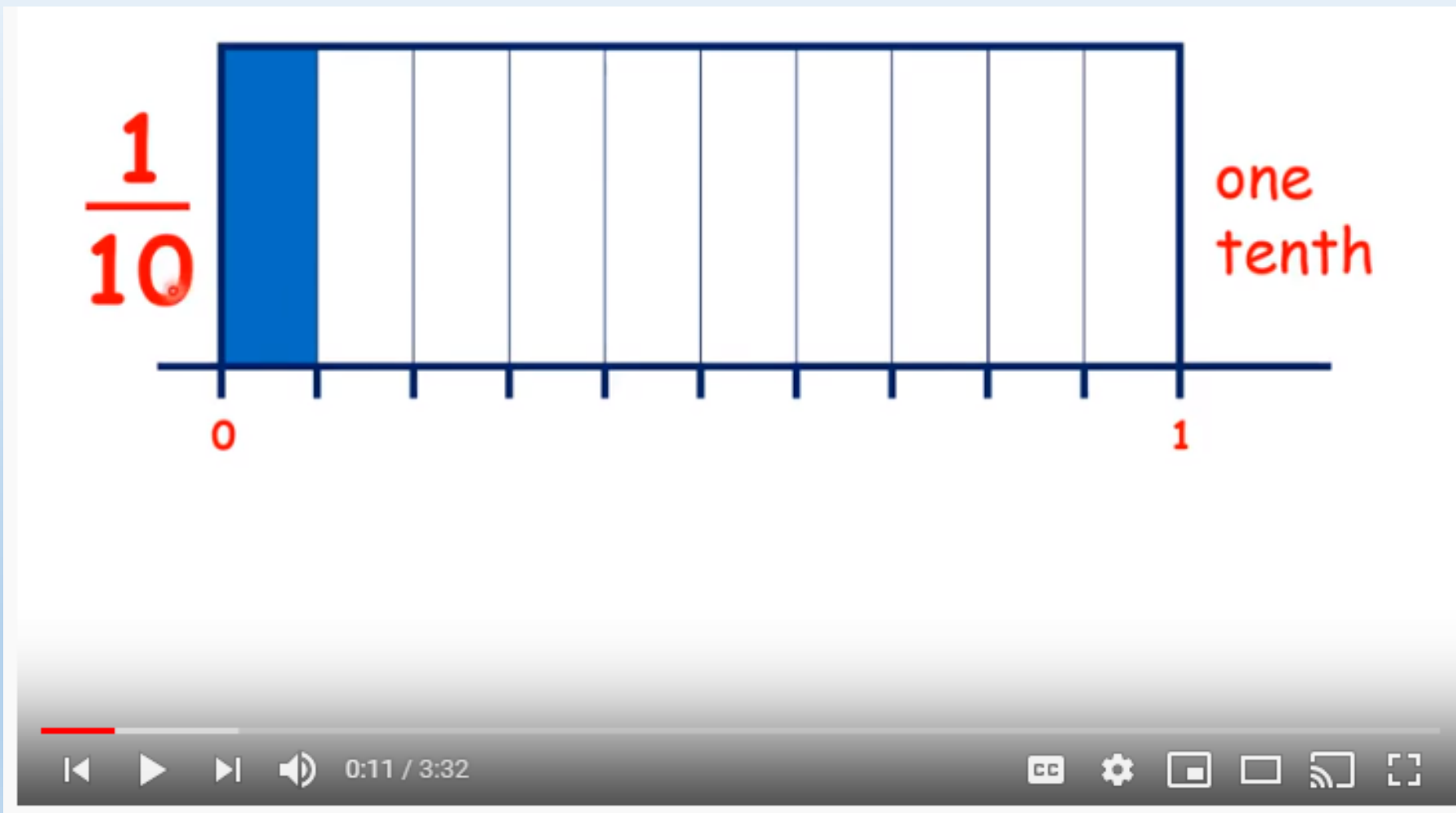
Starter:

$1) 421 + 134 =$

$2) 521 + 472 =$

$3) 155 + 537 =$

Tenths as decimals

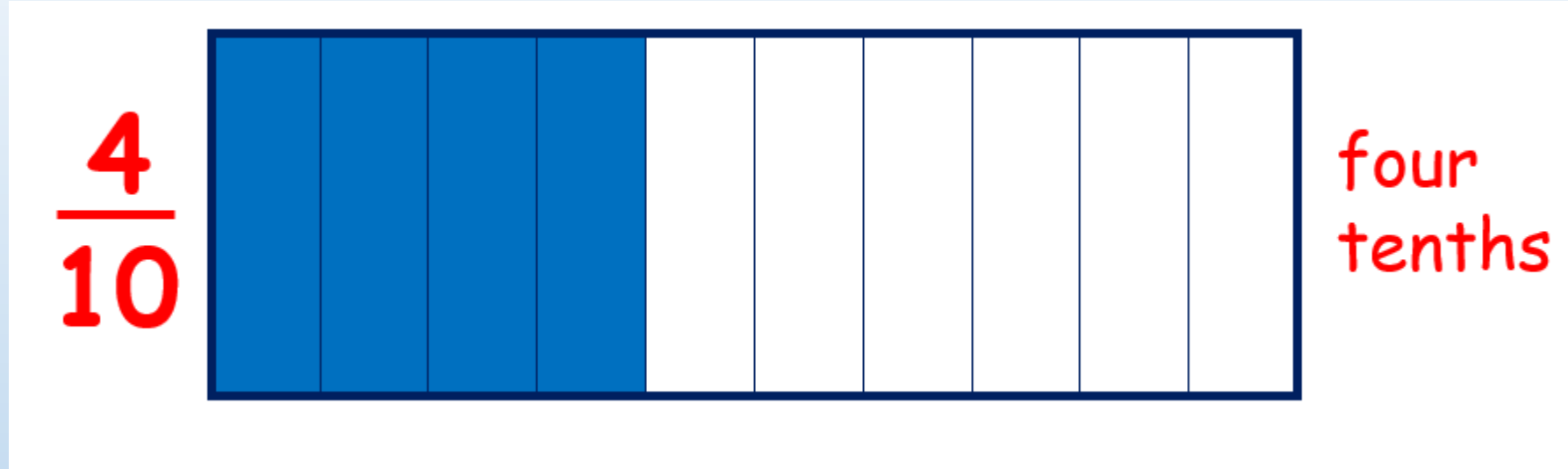


Watch this video carefully.

You might need to **right-click on the video**. Then click **'Open hyperlink'**.

Re-watch this as many times as you need

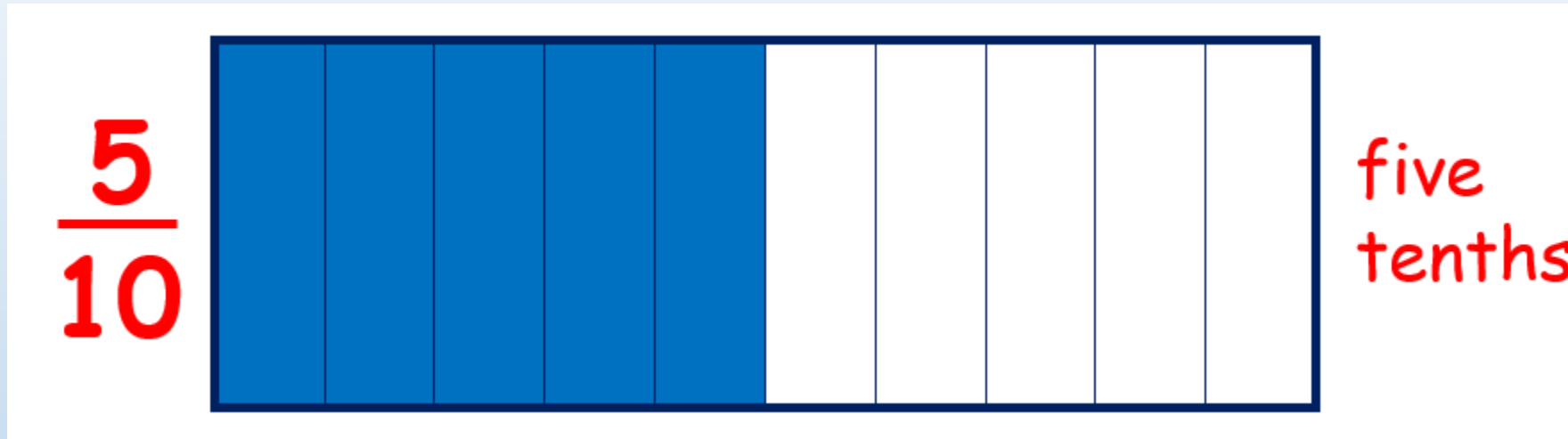
Tenths as decimals



0.

What decimal of the rectangle has been coloured in blue?

Tenths as decimals



0.

What decimal of the rectangle has been coloured in blue?

Question A

Shade the bar models to represent the amounts.

a) 7 tenths



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



c) 0.3

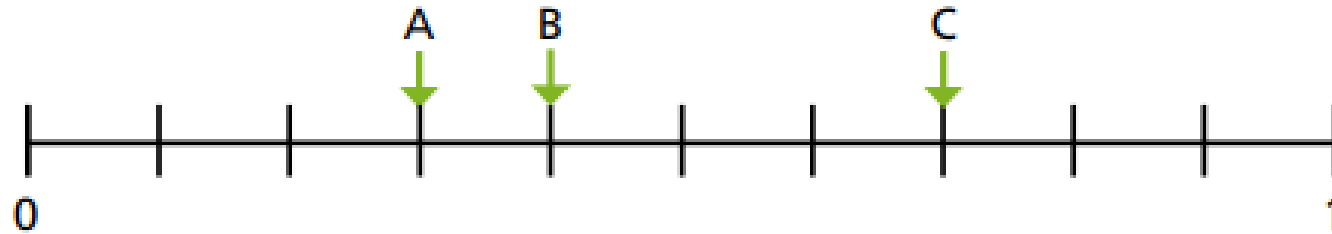


You can check your answers at the end

Question B

Work out the values of A, B and C.

Give your answers as fractions and decimals.



A or

B or

C or

You can check your answers at the end

Question C

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

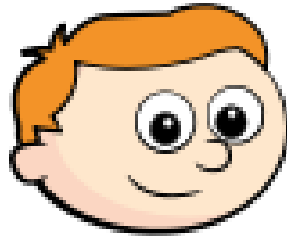
$$\frac{1}{10}$$

0.9

seven tenths

You can check your answers at the end

Question D



Nine tenths
can be written 0.9, so ten
tenths must be 0.10

Do you agree with Ron? _____

Explain your answer.

You can check your answers on the NEXT SLIDE

Answers

Starter:

1) 555

2) 993

3) 692

A)

a) 7 tenths



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



c) 0.3



B)

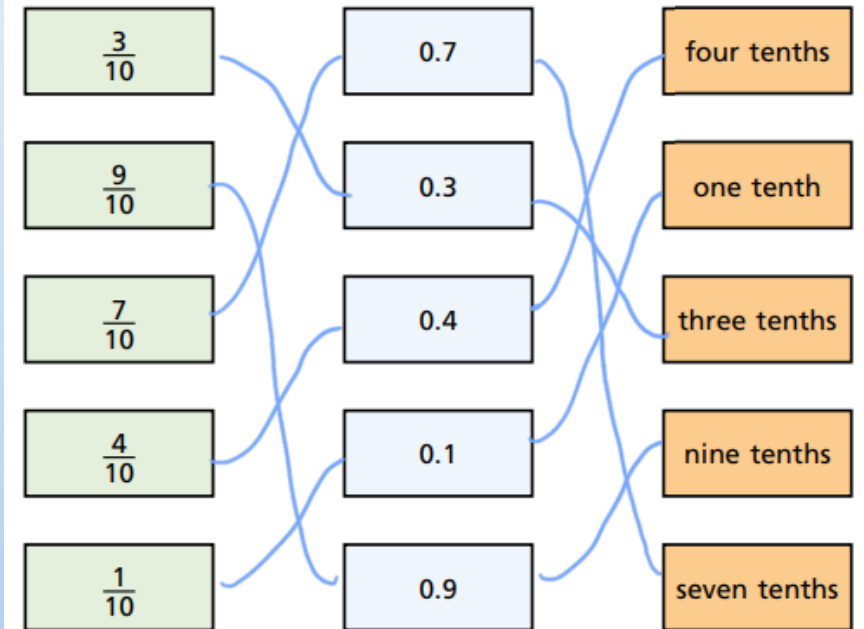


A $\frac{3}{10}$ or 0.3

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

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

C)



D)

Do you agree with Ron? No

Explain your answer.

0.10 is one tenth. Ten tenths is one whole.

Mr Sayer's Maths Group

Tuesday 5th May

LO: Tenth's on a Place Value Grid

Starter:

1) $646 + 128 =$

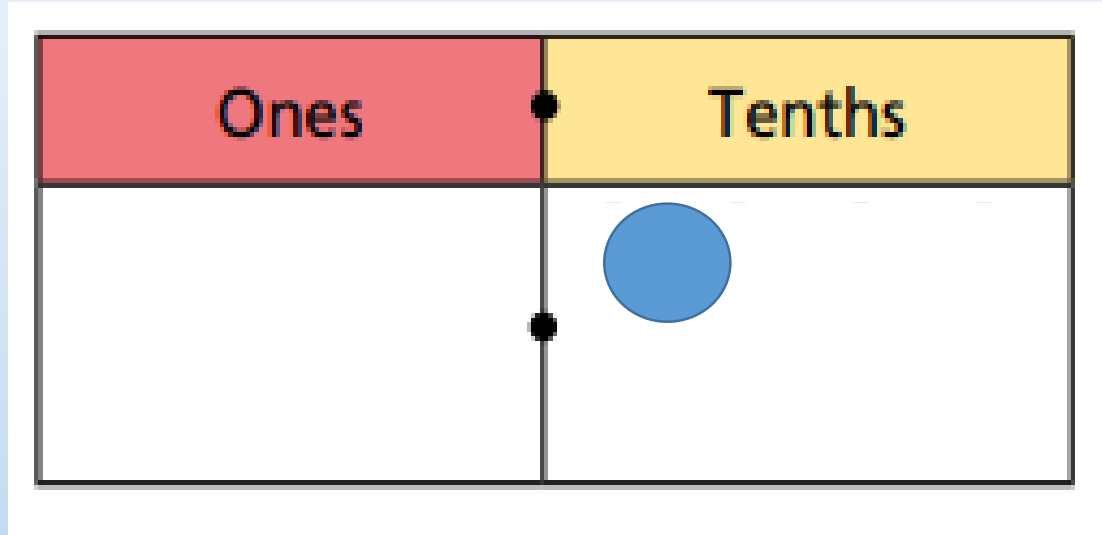
2) $327 + 329 =$

3) $473 + 948 =$

Support video:

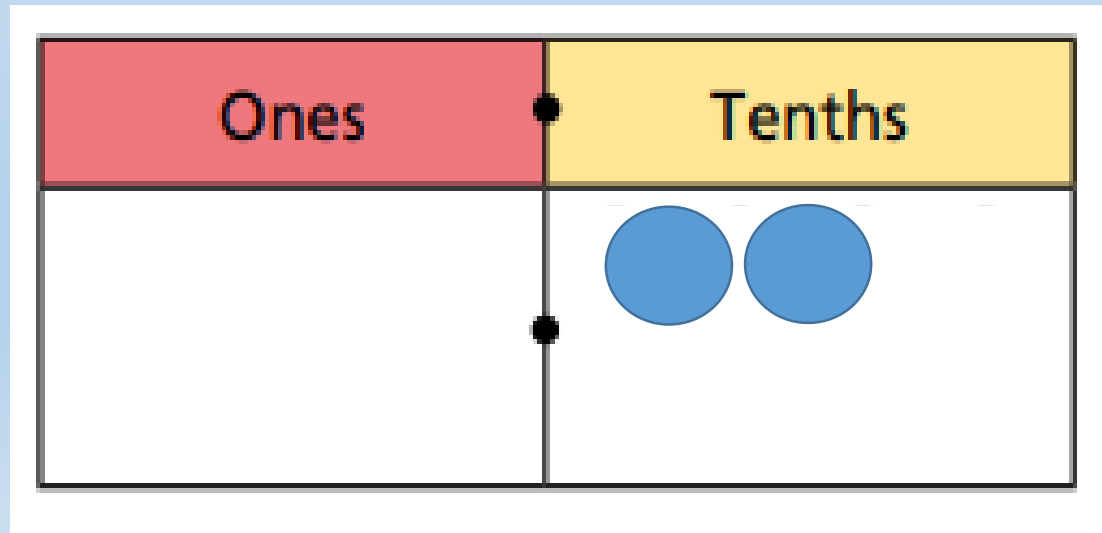
<https://whiterosemaths.com/homelearning/year-4/>

Tenths



Here we have 0 ones and 1 tenth

0.1

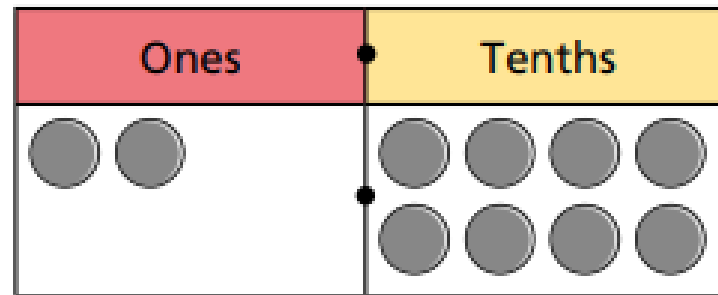
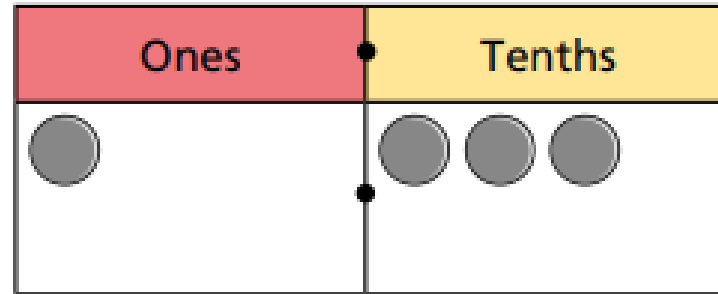
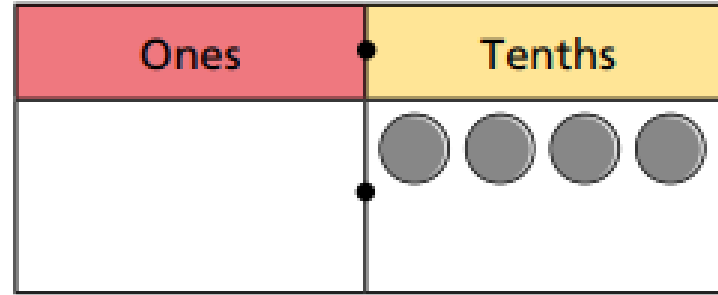


Now we have 0 ones and 2 tenths

0.2

Question A

Write the decimal that is shown in each place value chart.

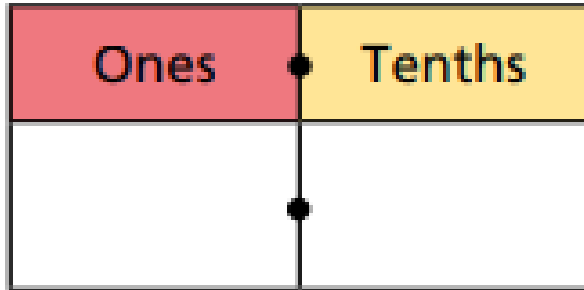


You can check your answers at the end

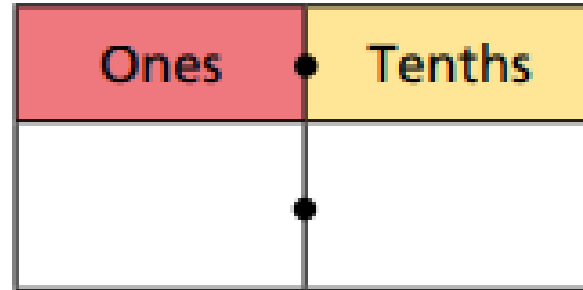
Question B

Draw counters on the place value charts to represent each number.

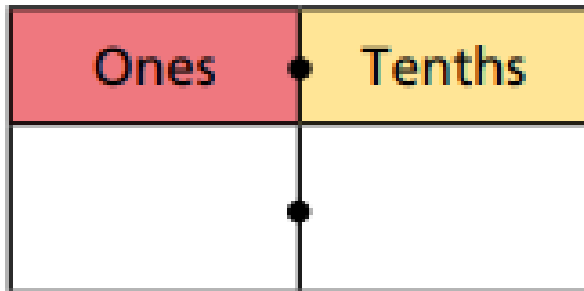
a) 2.1



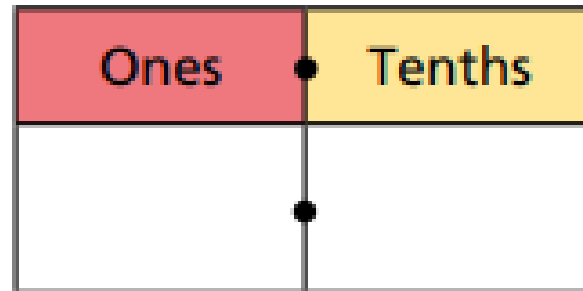
c) 0.2



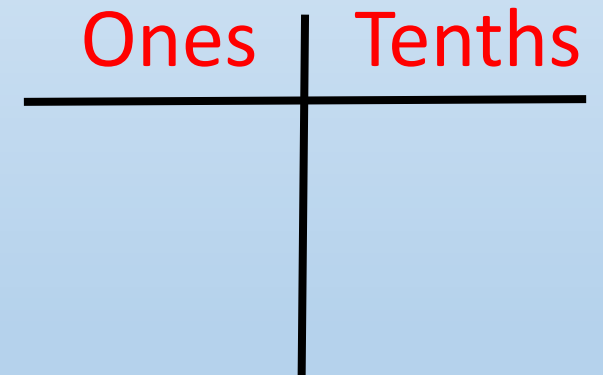
b) 1.2



d) 2



Draw a chart in your book to help

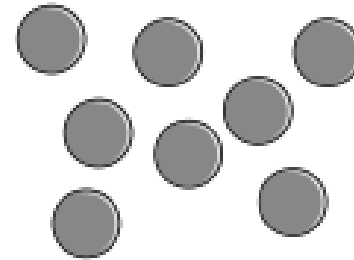


You can check your answers at the end

Question C

Rosie is using this place value chart to make numbers.

Ones	Tenths



She uses all 8 counters each time.

Complete the sentences.

a) The smallest number possible is

b) The greatest number possible is

c) A number between 3 and 4 is

d) The closest possible number to 5 is

You can check your answers at the end

Question D

Complete the number sentences to match the place value charts.

a)

Ones	Tenths
2	6

There are ones and tenths.

$$\boxed{} \text{ ones} + \boxed{} \text{ tenths} = \boxed{} + \boxed{} = \boxed{}$$

b)

Ones	Tenths
0	9

There are ones and tenths.

$$\boxed{} \text{ ones} + \boxed{} \text{ tenths} = \boxed{} + \boxed{} = \boxed{}$$

You can check your answers on the NEXT SLIDE

Answers

Starter:

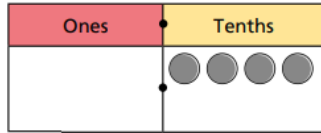
1) 774

2) 656

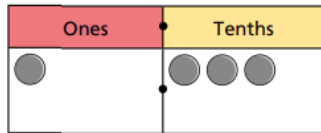
3) 1421

A)

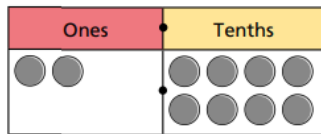
Write the decimal that is shown in each place value chart.



0.4



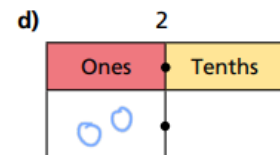
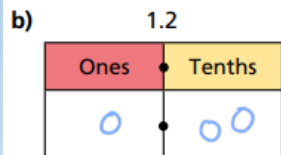
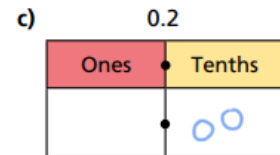
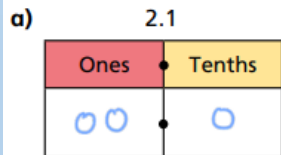
1.3



2.8

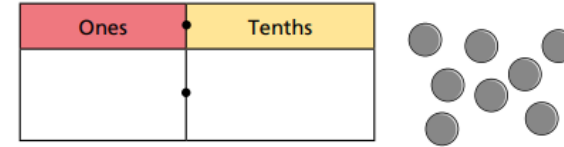
B)

Draw counters on the place value charts to represent each number.



C)

Rosie is using this place value chart to make numbers.



She uses all 8 counters each time.

Complete the sentences.

a) The smallest number possible is 0.8

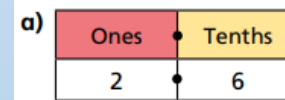
b) The greatest number possible is 8

c) A number between 3 and 4 is 3.5

d) The closest possible number to 5 is 5.3

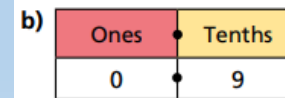
D)

Complete the number sentences to match the place value charts.



There are 2 ones and 6 tenths.

$$2 \text{ ones} + 6 \text{ tenths} = 2 + 0.6 = 2.6$$



There are 0 ones and 9 tenths.

$$0 \text{ ones} + 9 \text{ tenths} = 0 + 0.9 = 0.9$$

Mr Sayer's Maths Group

Wednesday 6th May

LO: Tenth's on a number line

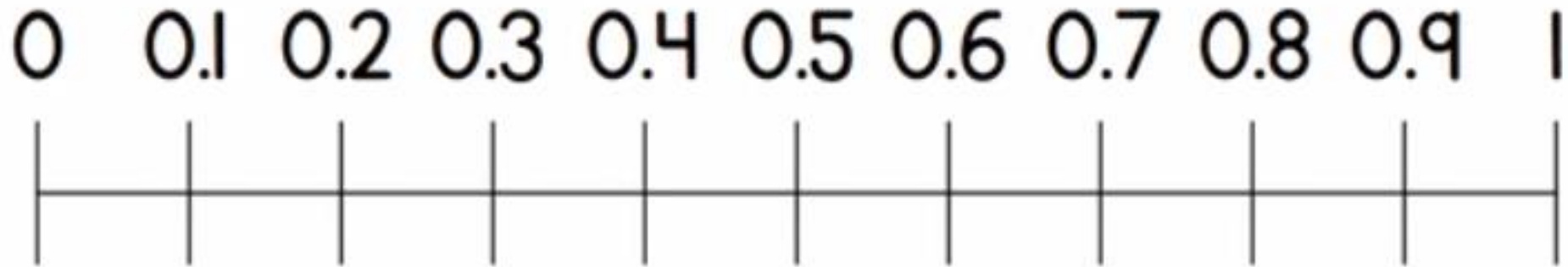
Starter:

$1) 781 + 243 =$

$2) 710 + 532 =$

$3) 564 + 323 =$

Remember – Tenths are part of a whole



Support video:

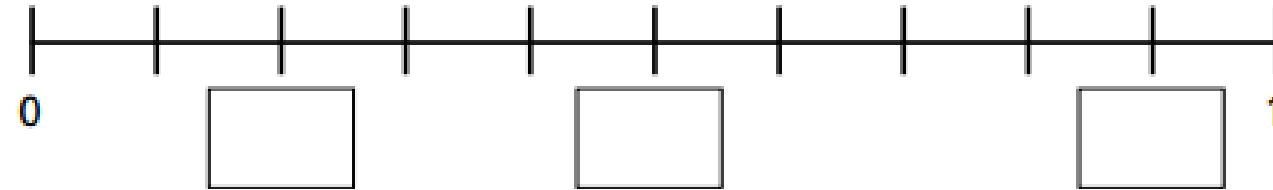
<https://whiterosemaths.com/homelearning/year-4/>

Question A

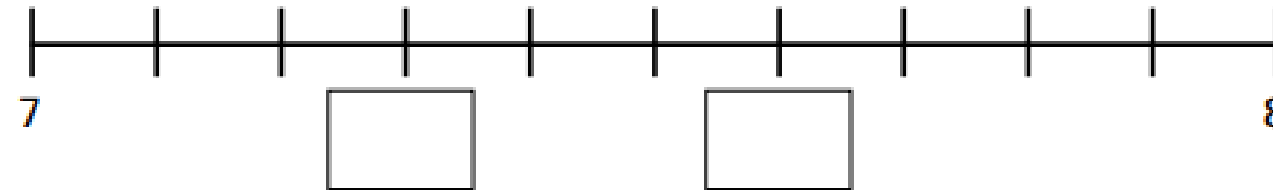
Look carefully at
the number
the line starts on

Fill in the decimal numbers on each number line.

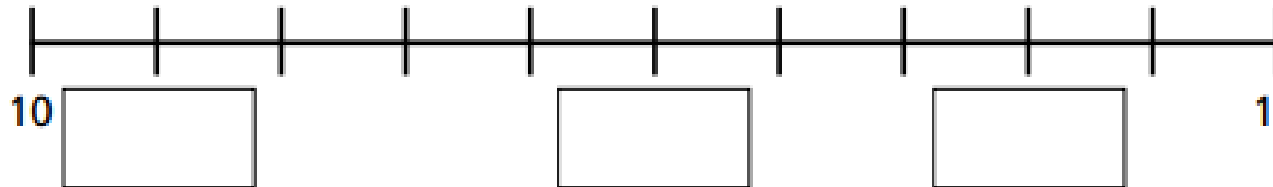
a)



b)



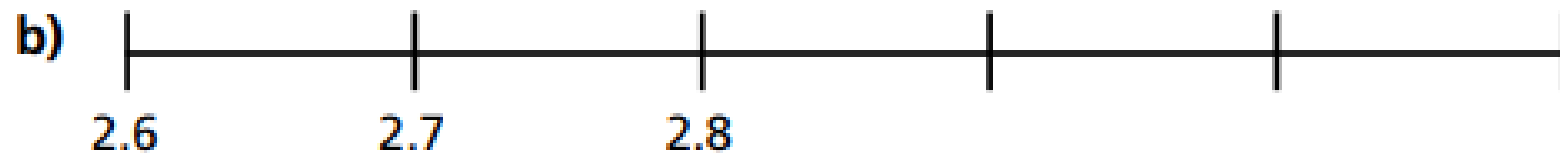
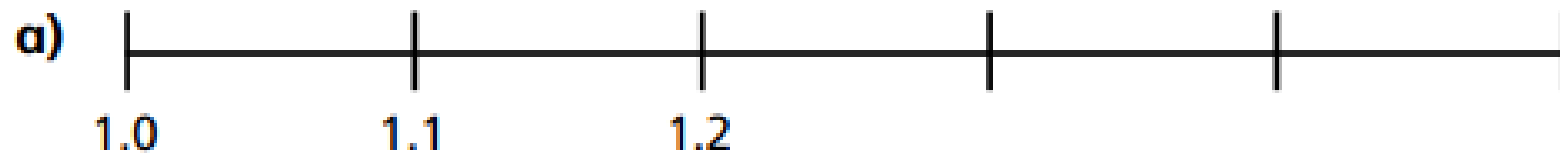
c)



You can check your answers at the end

Question B

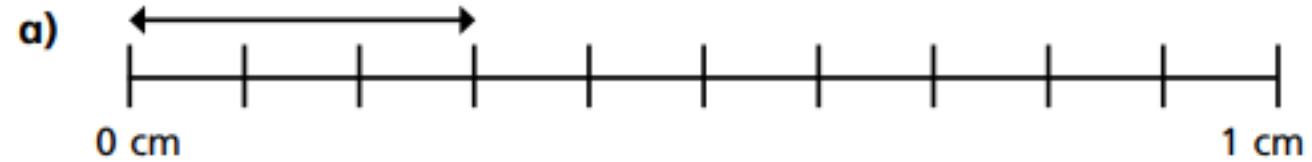
Complete the number lines.



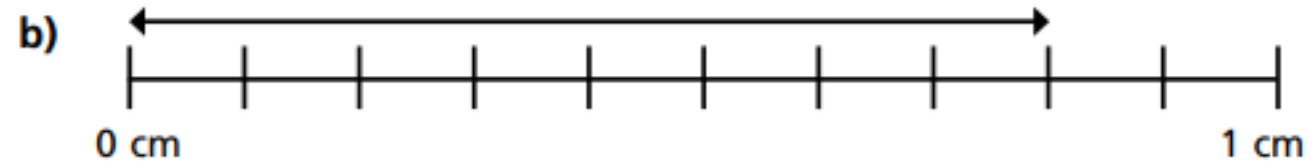
You can check your answers at the end

Question C

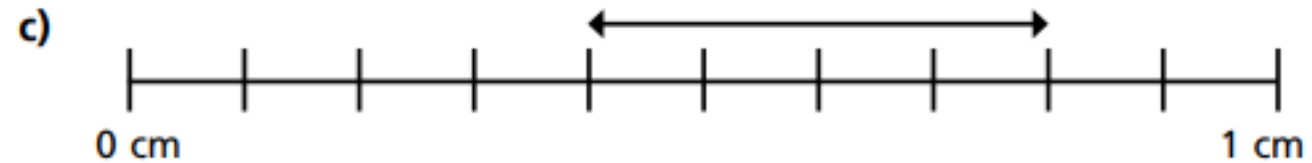
How long is each line?



The line is cm long.



The line is cm long.



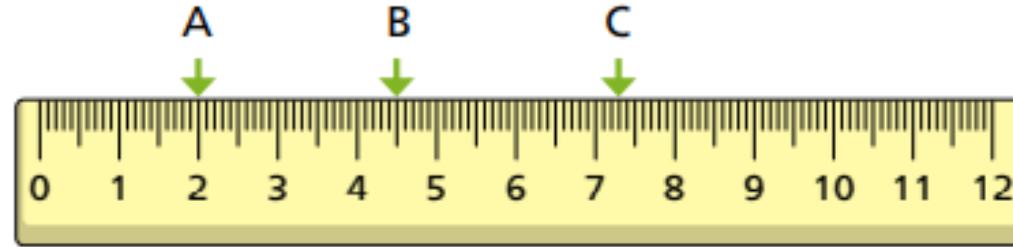
The line is cm long.

You can check your answers at the end

Question D

Here is a ruler with centimetres as whole numbers and millimetres as tenths.

Complete the sentences about points A, B and C.



Point A is cm along the ruler.

Point B is cm and mm along the ruler.

As a decimal it is cm.

Point C is cm and mm along the ruler.

As a decimal it is cm.

You can check your answers on the NEXT SLIDE

Answers

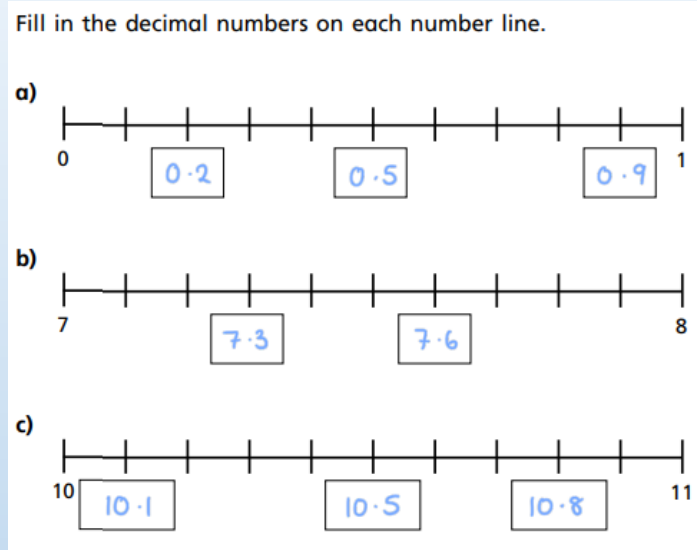
Starter:

1) 1024

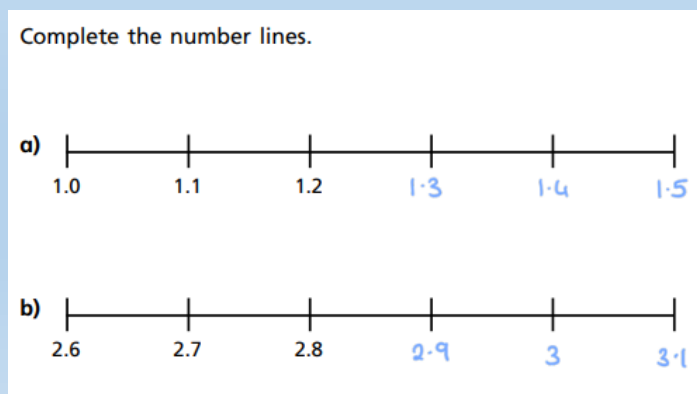
2) 1242

3) 887

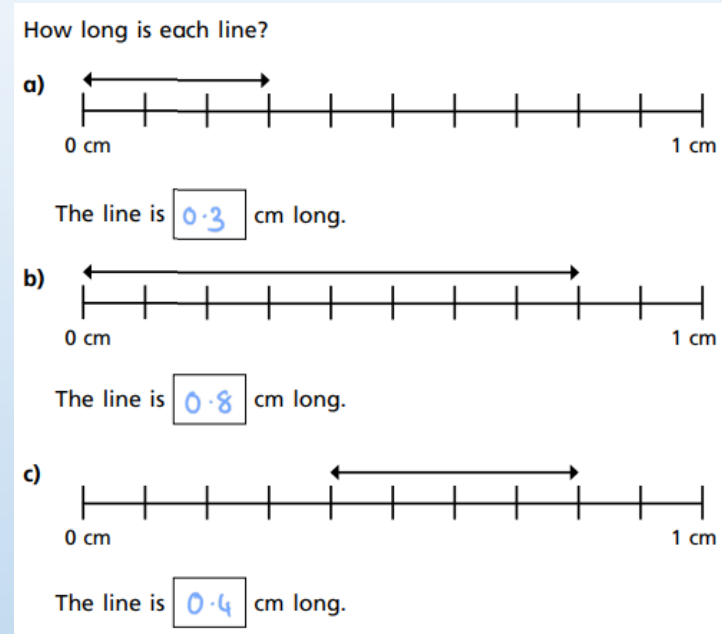
A)



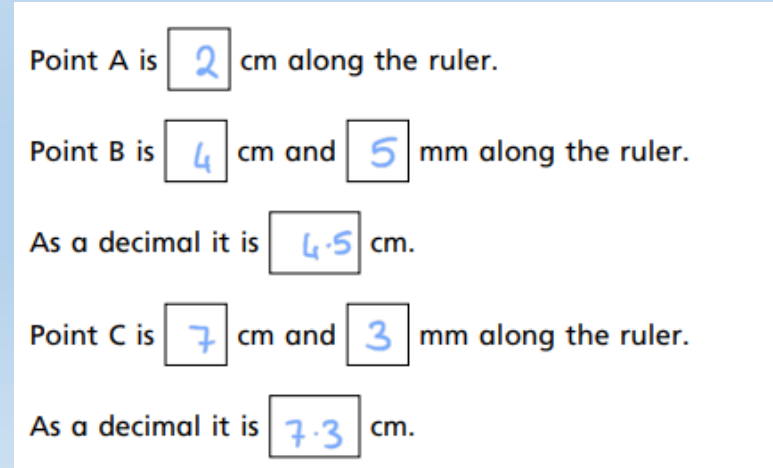
B)



C)



D)



Mr Sayer's Maths Group

Thursday 7th May

LO: Divide 1-digit by 10

Starter:

$1) 510 + 123 =$

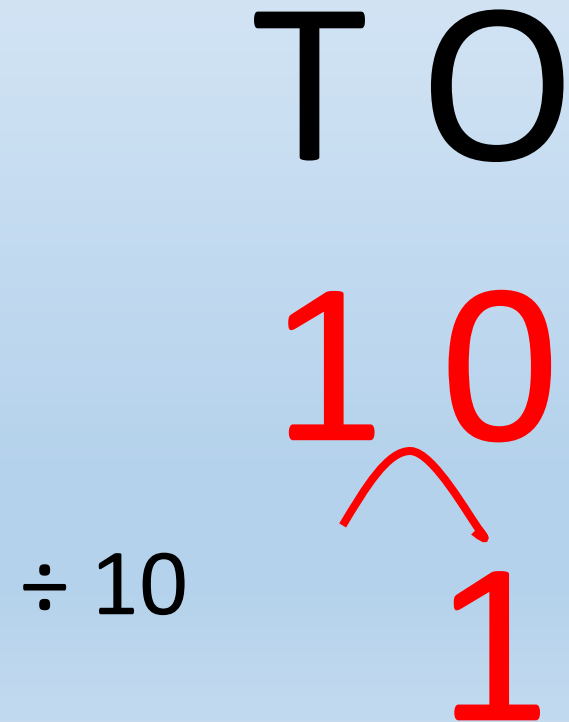
$2) 545 + 754 =$

$3) 184 + 654 =$

Dividing by 10

Remember, when we **divide by 10**, the **digits jump a column to the right** on our **Place Value Grid**

$$10 \div 10 = 1$$



Support video:

<https://whiterosemaths.com/homelearning/year-4/>

Dividing by 10

Remember, when we **divide by 10**, the **digits jump a column to the right** on our **Place Value Grid**

$$12 \div 10 = 1.2$$

TO . Tenths

$\div 10$

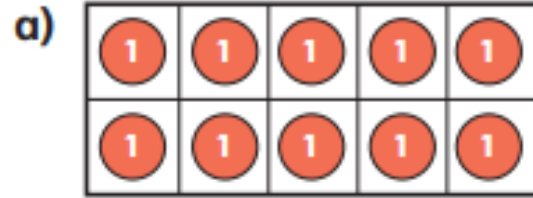
12
1.2

Support video:

<https://whiterosemaths.com/homelearning/year-4/>

Question A

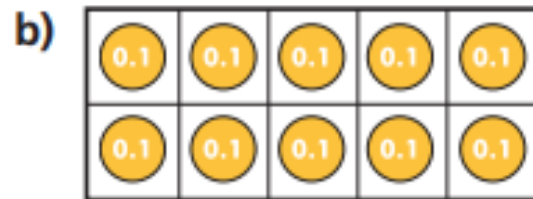
Look at the ten frames.



What number is represented?

Complete the division.

$$\boxed{} \div 10 = \begin{array}{c} \boxed{} \\ \boxed{} \end{array}$$



What number is represented?

Complete the division.

$$\boxed{} \div 10 = \begin{array}{c} \boxed{} \\ \boxed{} \end{array}$$

You can check your answers at the end

Question B

a) Draw counters on the place value chart to show 7

Ones	Tenths

b) Complete the division. $7 \div 10 = \square$

c) Draw counters on the place value chart to show your answer.

Ones	Tenths

You can check your answers at the end

Question C



Dora

To divide by 10,
you split the counters into
10 equal parts.

To divide by 10,
you put the counters on a place
value chart and move them one
column to the right.



Alex

Who is correct? Circle your answer.

Dora

Alex

neither

both

You can check your answers at the end

Question D

Complete the divisions.

a) $4 \div 10 =$

b) $2 \div 10 =$

c) $= 5 \div 10$

d) $9 \div 10 =$

e) $\div 10 = 0.3$

f) $\div 10 = 0.1$

You can check your answers on the NEXT SLIDE

Answers

Starter:

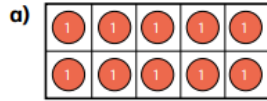
1) 633

2) 1299

3) 838

A)

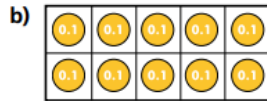
Look at the ten frames.



What number is represented?

Complete the division.

$$\boxed{10} \div 10 = \boxed{1}$$



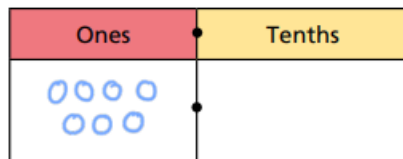
What number is represented?

Complete the division.

$$\boxed{1} \div 10 = \boxed{0.1}$$

B)

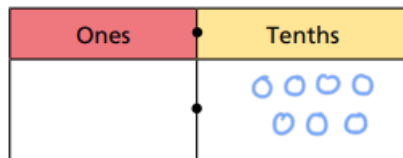
a) Draw counters on the place value chart to show 7



b) Complete the division.

$$7 \div 10 = \boxed{0.7}$$

c) Draw counters on the place value chart to show your answer.



C)

To divide by 10, you split the counters into 10 equal parts.

To divide by 10, you put the counters on a place value chart and move them one column to the right.

Who is correct? Circle your answer.

Dora Alex neither both

D)

Complete the divisions.

a) $4 \div 10 = \boxed{0.4}$

d) $9 \div 10 = \boxed{0.9}$

b) $2 \div 10 = \boxed{0.2}$

e) $\boxed{3} \div 10 = 0.3$

c) $\boxed{0.5} = 5 \div 10$

f) $\boxed{1} \div 10 = 0.1$