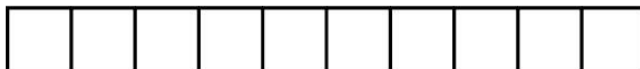


Tenths as decimals

I Shade the bar models to represent the amounts.

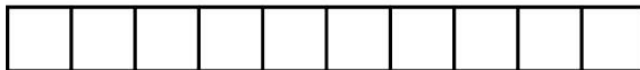
a) 7 tenths



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



c) 0.3



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

Bar model	Fraction	Decimal
		
		
		
		

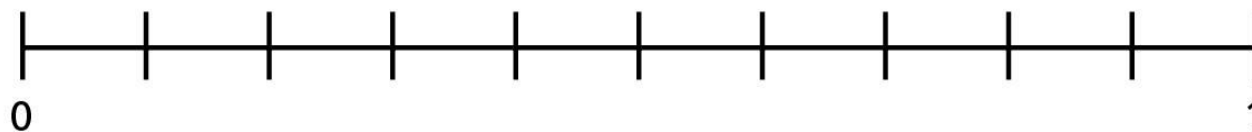
- 3 Write each fraction and decimal in the correct place on the number line.

$$\frac{2}{10}$$

0.6

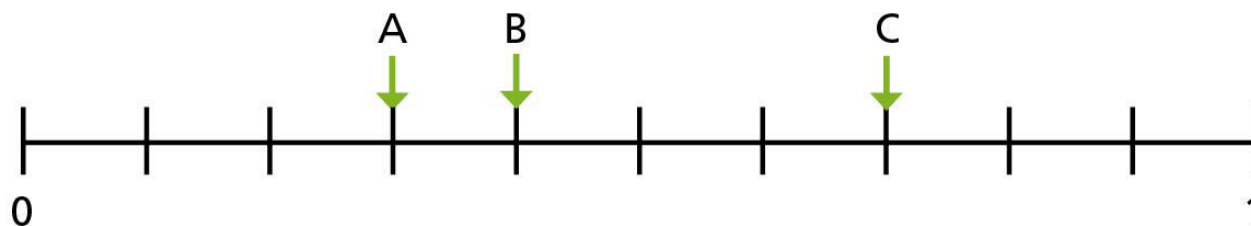
$$\frac{9}{10}$$

0.1



4 Work out the values of A, B and C.

Give your answers as fractions and decimals.



A or

B or

C or



5

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

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

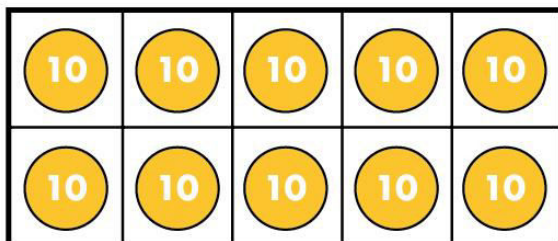
0.9

seven tenths

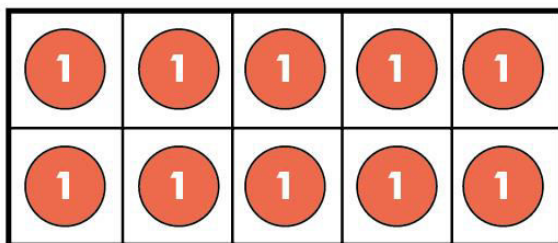
6

What is the total value represented by each ten frame?

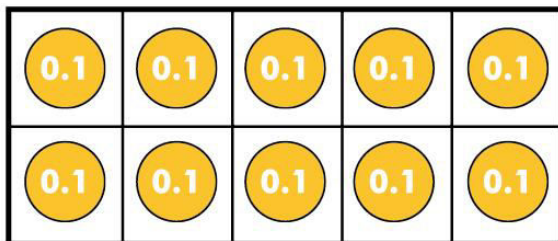
a)



b)

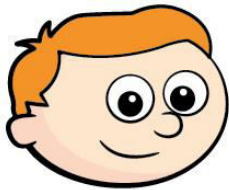


c)





7



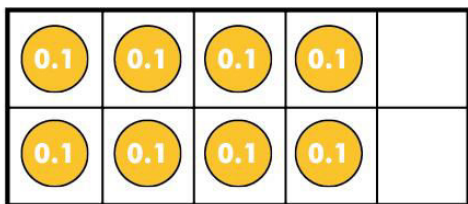
Nine tenths
can be written 0.9, so ten
tenths must be 0.10

Do you agree with Ron? _____

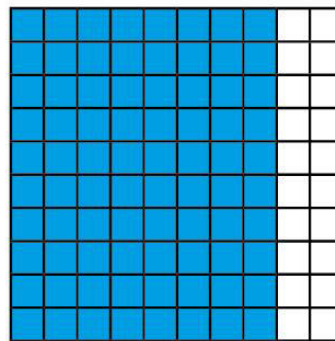
Explain your answer.

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

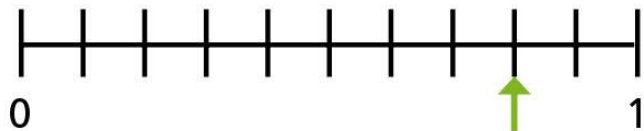
A



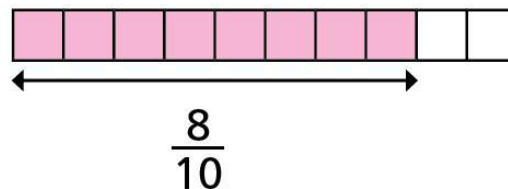
C



B



D



Which do you think is the best representation? _____

Discuss your answer with a partner.



8 Represent six tenths in each different way.

