

# Tenths as decimals



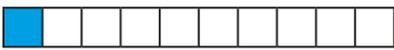
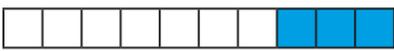
1 Shade the bar models to show the amounts.

a) 7 tenths 

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

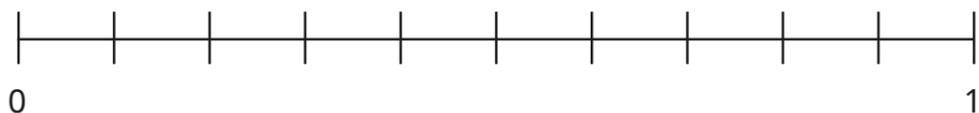
c) 0.2 

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

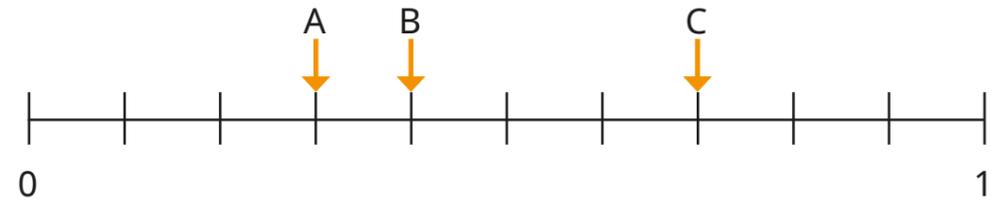
Bar model	Fraction	Decimal
		0.1
	$\frac{5}{10}$	
		
		

3 Label the fractions and decimals 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

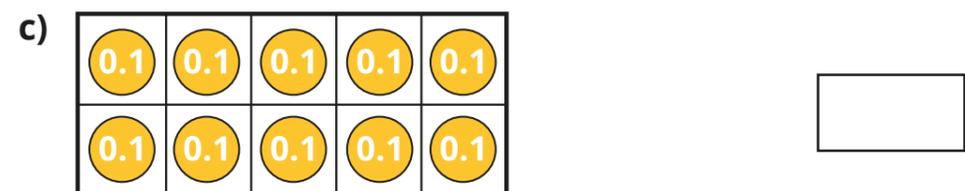
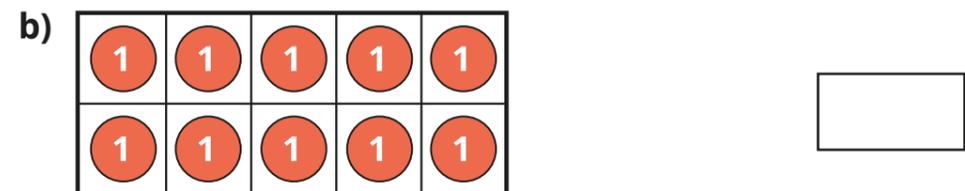
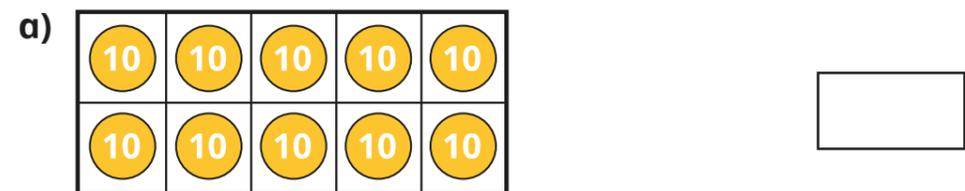
nine tenths

$\frac{1}{10}$

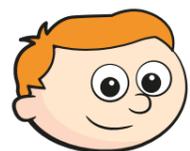
0.9

seven tenths

6 What is the total value shown on each ten frame?



7



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

Do you agree with Ron? \_\_\_\_\_

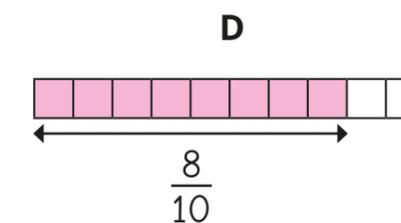
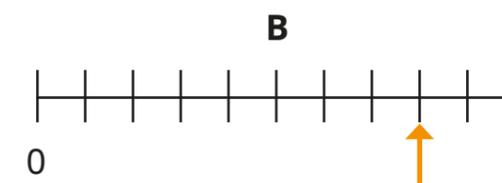
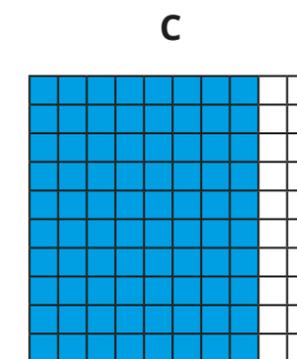
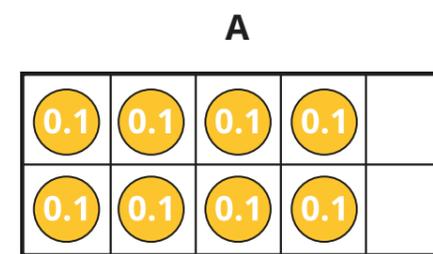
Explain your answer.

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8 Kim uses different models to show eight tenths.



Which model do you prefer? \_\_\_\_\_

Talk about your answer with a partner.

Use each model to show six tenths.

