

Tenths as decimals



1 Shade the bar models to represent the amounts.

a) 7 tenths

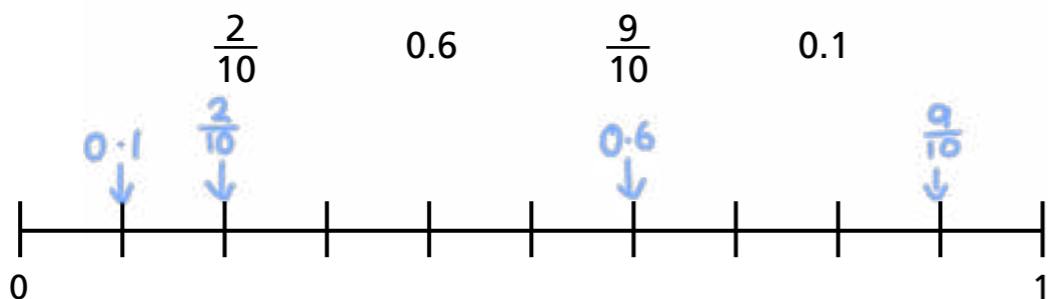
b) $\frac{4}{10}$

c) 0.3

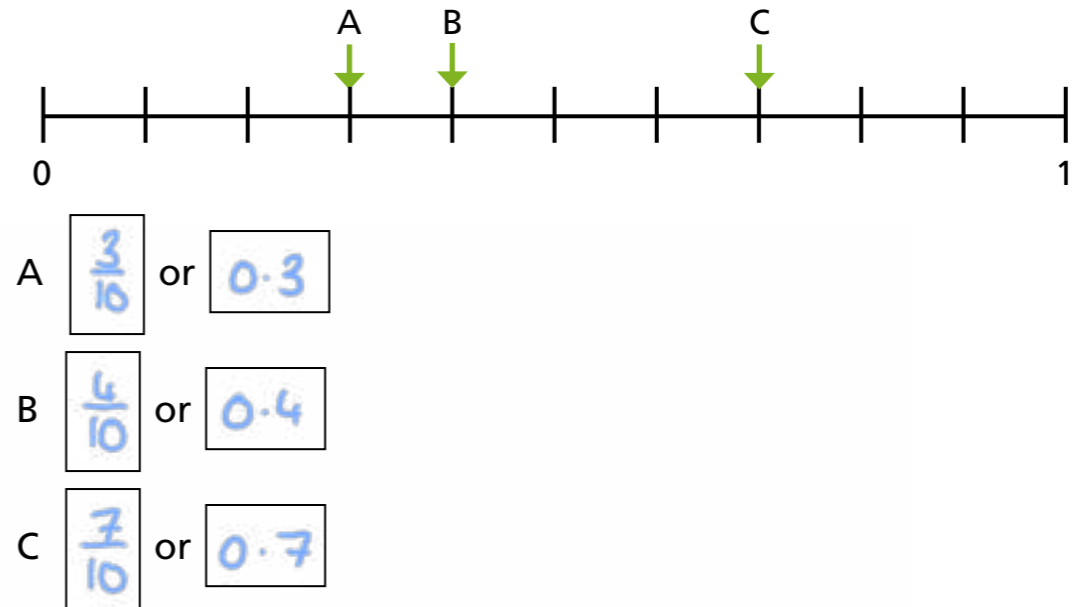
2 Complete the table to show the fractions and decimals the bar models represent.

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

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

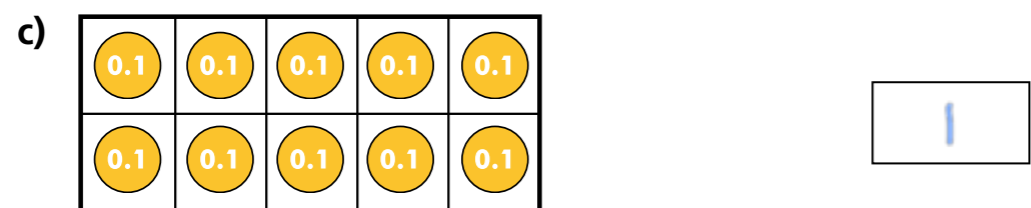
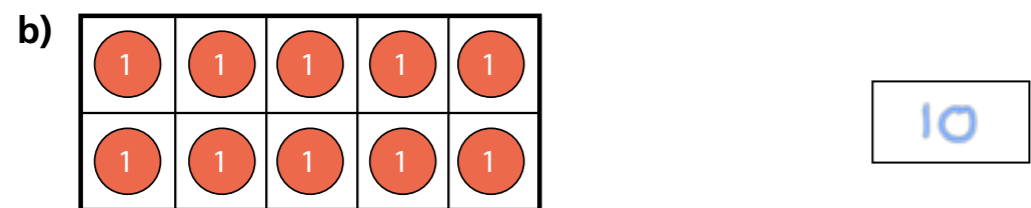
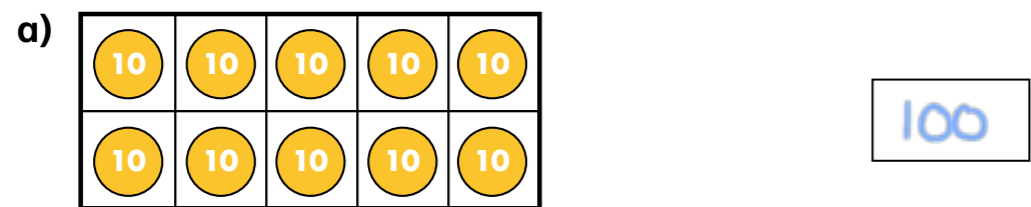


4 Work out the values of A, B and C.
Give your answers as fractions and decimals.

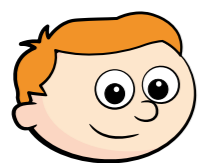


5 Match the equivalent fractions, decimals and words.

6 What is the total value represented by each ten frame?



7



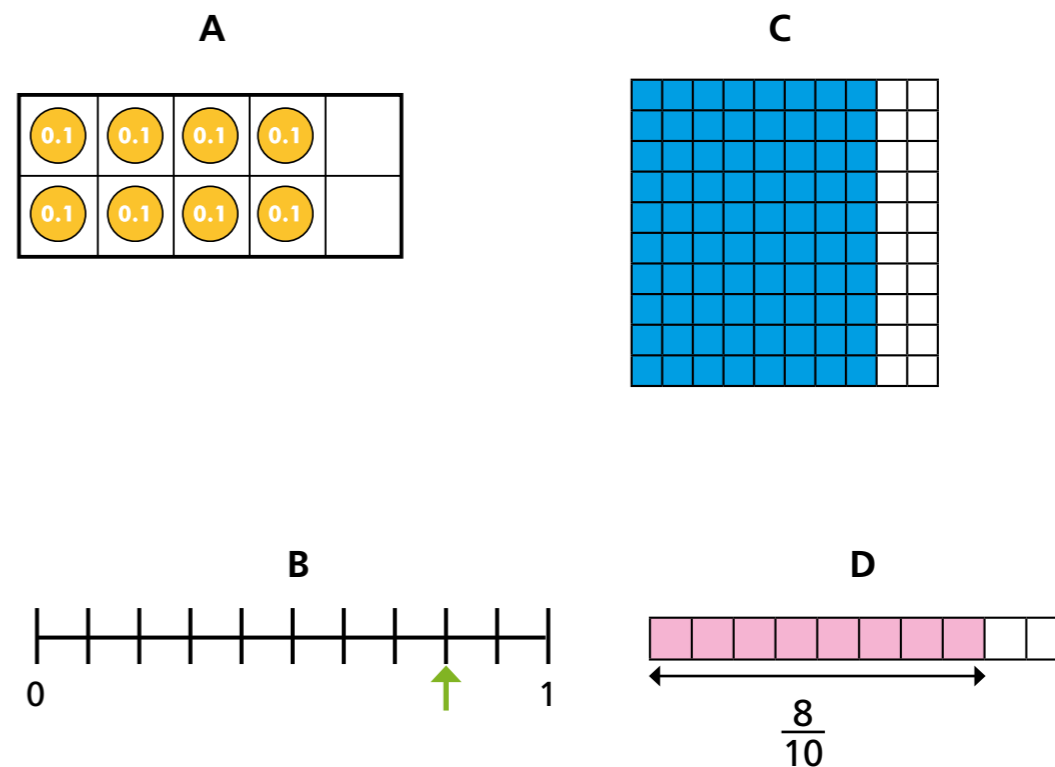
Nine tenths can be written 0.9, so ten tenths must be 0.10

Do you agree with Ron? NO

Explain your answer.

Ten tenths is one whole.

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



Which do you think is the best representation? _____

Discuss your answer with a partner.

Represent six tenths in each different way.

