

Tenths as decimals



1 Shade the bar models to represent the amounts.

a) 7 tenths



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



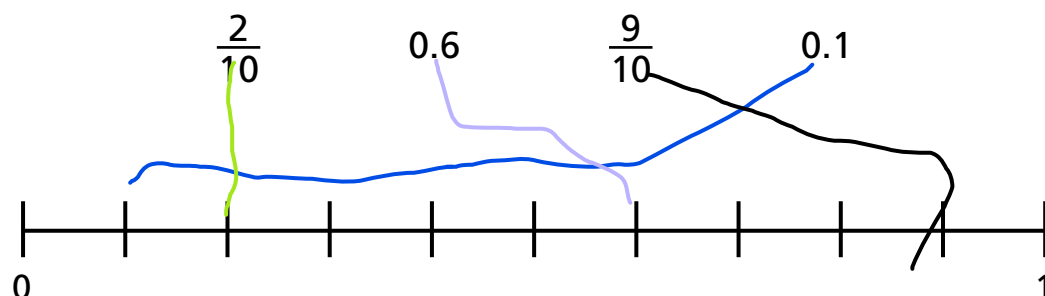
c) 0.3



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

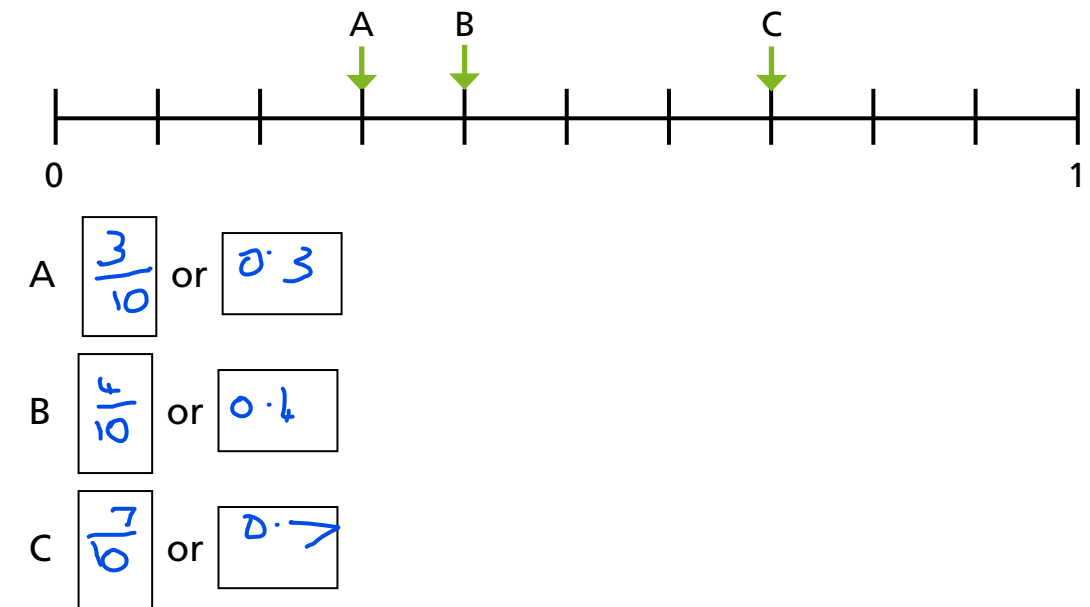
Bar model	Fraction	Decimal
	$\frac{1}{10}$	0.1
	$\frac{5}{10}$	0.5
	$\frac{6}{10}$	0.6
	$\frac{3}{10}$	0.3

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

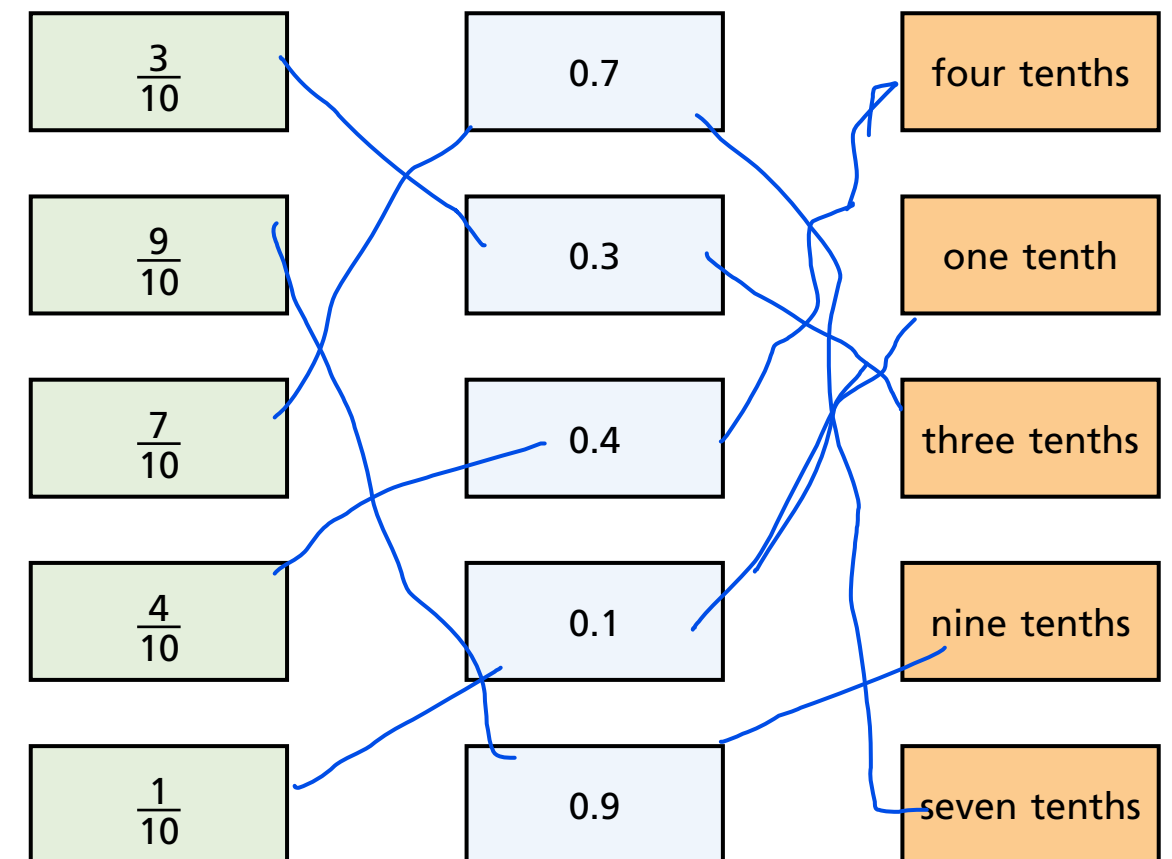


4 Work out the values of A, B and C.

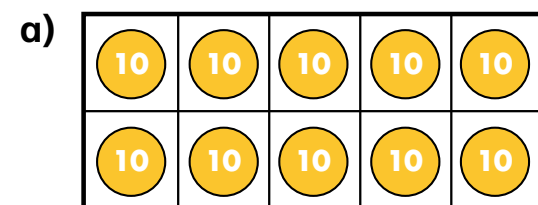
Give your answers as fractions and decimals.



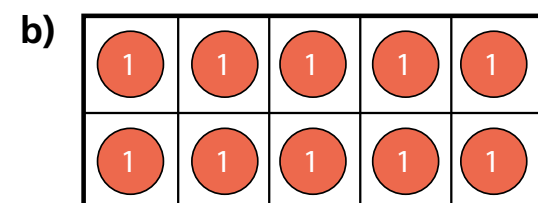
5 Match the equivalent fractions, decimals and words.



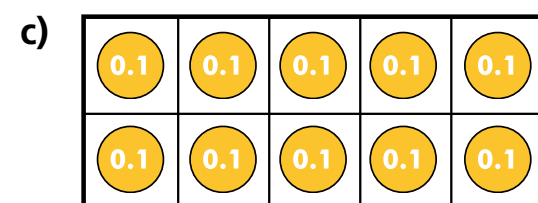
6 What is the total value represented by each ten frame?



100

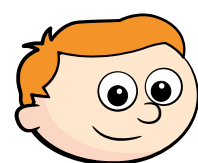


10



1

7



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

Do you agree with Ron? Yes

Explain your answer.

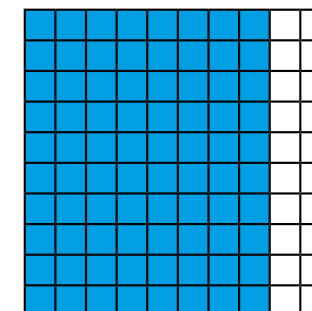
Ten tenths is 1 whole

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

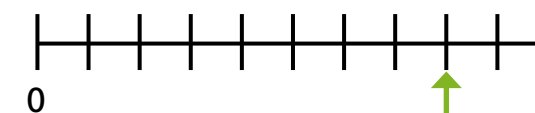
A



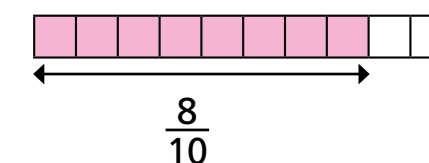
C



B



D



Which do you think is the best representation? D

Discuss your answer with a partner.

Represent six tenths in each different way.