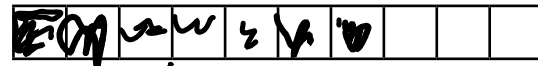


Tenths as decimals

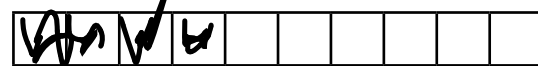


1 Shade the bar models to represent the amounts.

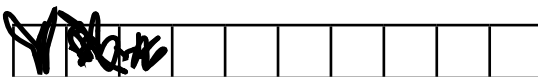
a) 7 tenths



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



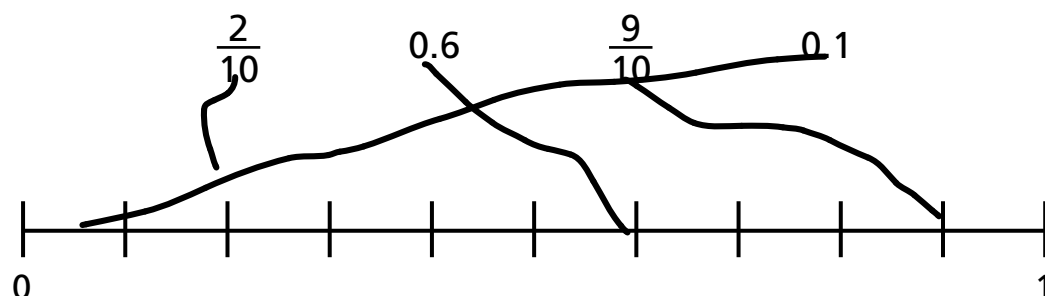
c) 0.3



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

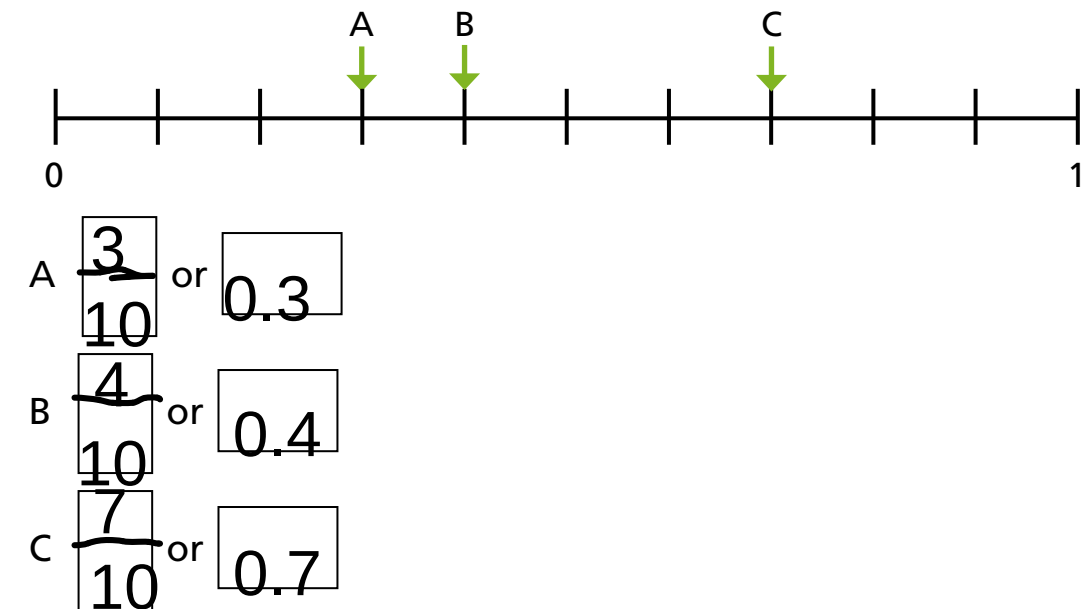
Bar model	Fraction	Decimal
	$\frac{1}{10}$	0.1
	$\frac{5}{10}$	0.5
	$\frac{5}{10}$	0.5
	$\frac{3}{10}$	0.3

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

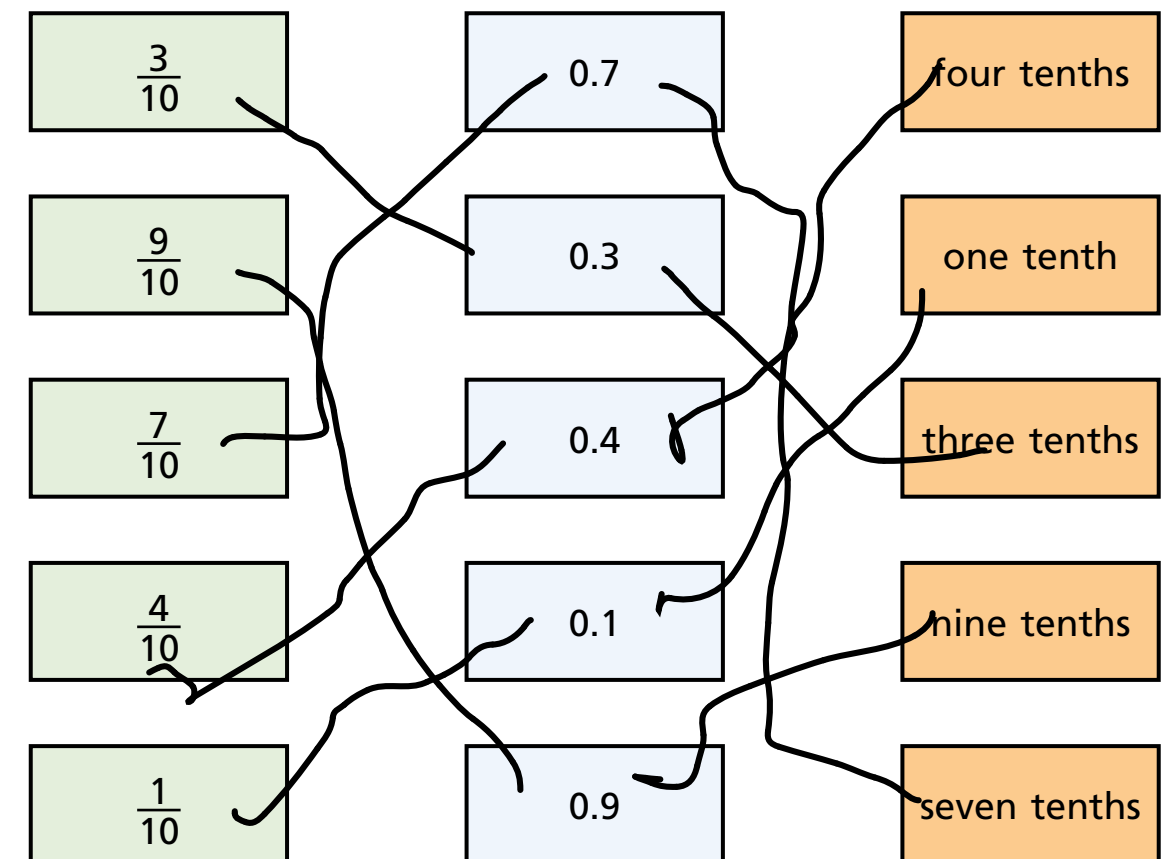


4 Work out the values of A, B and C.

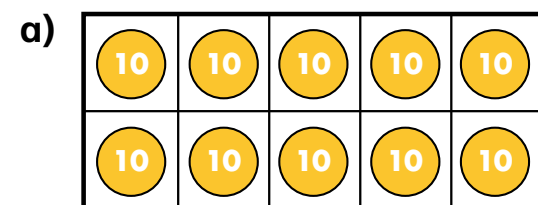
Give your answers as fractions and decimals.



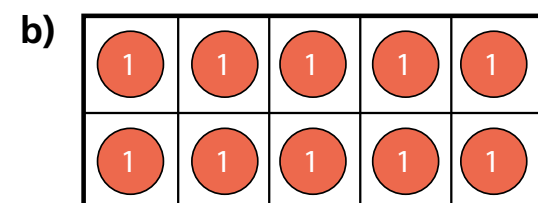
5 Match the equivalent fractions, decimals and words.



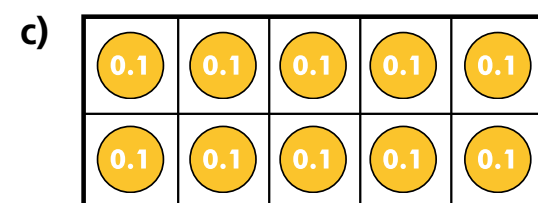
6 What is the total value represented by each ten frame?



100

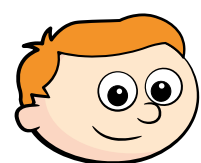


10



1

7



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

Do you agree with Ron? No

Explain your answer.

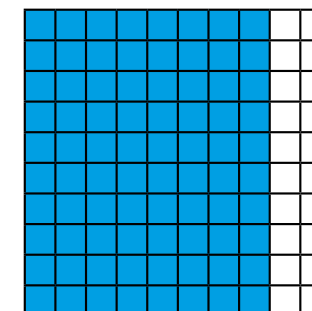
because you need to move it to the ones because
0.10 is just 1/10

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

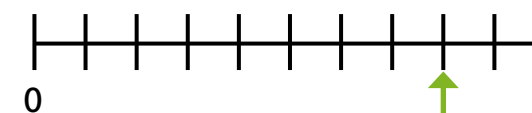
A



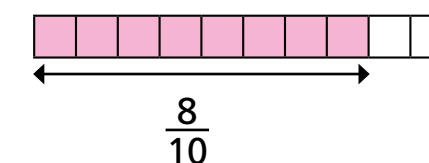
C



B



D



Which do you think is the best representation? A

Discuss your answer with a partner.

Represent six tenths in each different way.