

Tenths as decimals



1 Shade the bar models to represent the amounts.

a) 7 tenths

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

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c) 0.3

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

Bar model	Fraction	Decimal

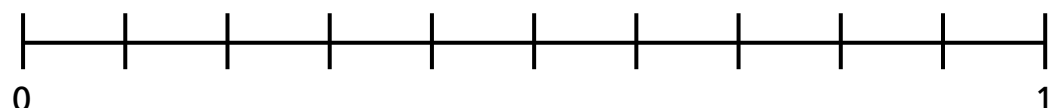
3 Write each fraction and decimal in the correct place on the number line.

$\frac{2}{10}$

0.6

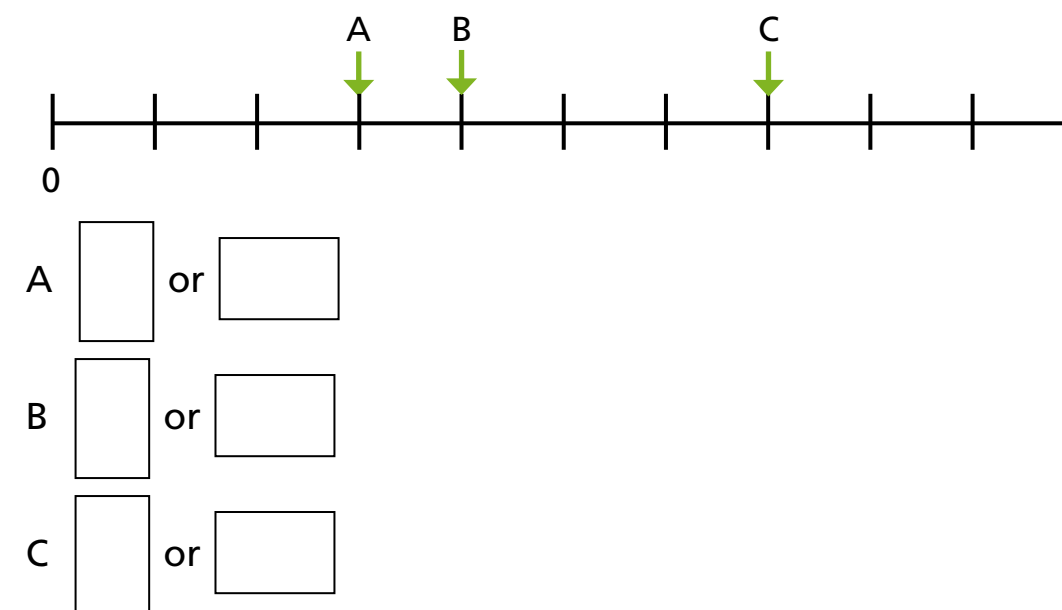
$\frac{9}{10}$

0.1



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

Give your answers as fractions and decimals.

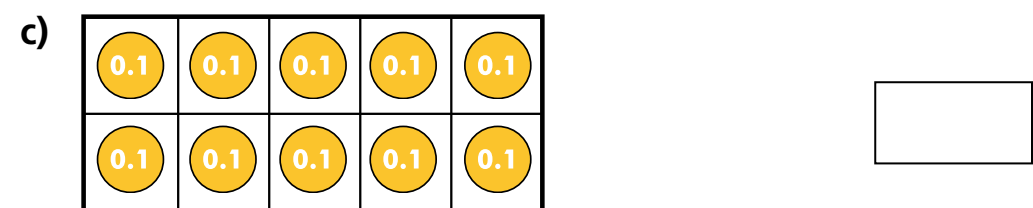
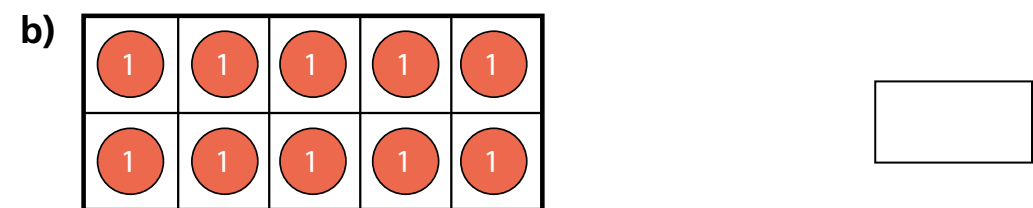
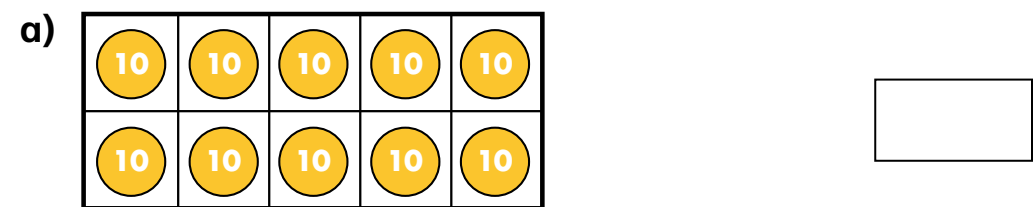


5 Match the equivalent fractions, decimals and words.

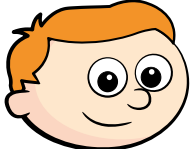
$\frac{3}{10}$	0.7	four tenths
$\frac{9}{10}$	0.3	one tenth
$\frac{7}{10}$	0.4	three tenths
$\frac{4}{10}$	0.1	nine tenths
$\frac{1}{10}$	0.9	seven tenths



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



7

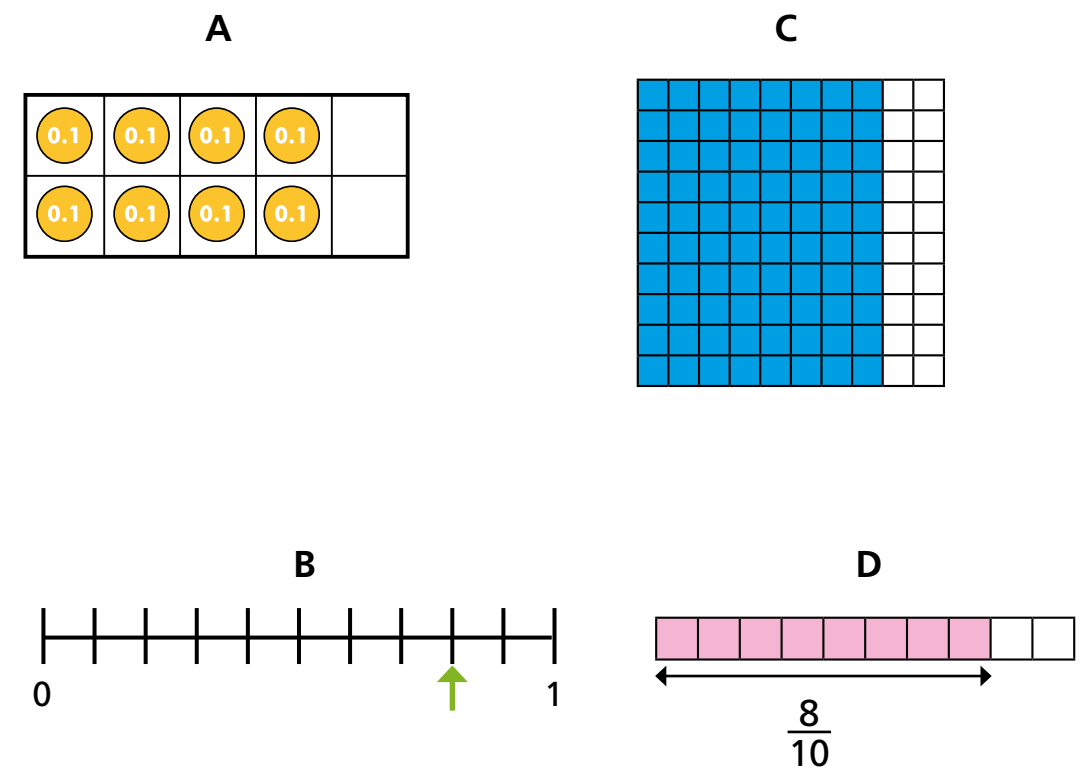


Nine tenths
can be written 0.9, so ten
tenths must be 0.10

Do you agree with Ron? _____

Explain your answer.

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



Which do you think is the best representation? _____

Discuss your answer with a partner.

Represent six tenths in each different way.