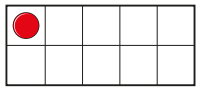
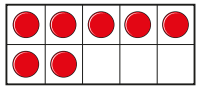
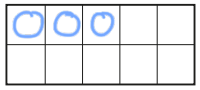
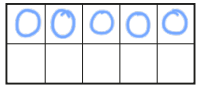
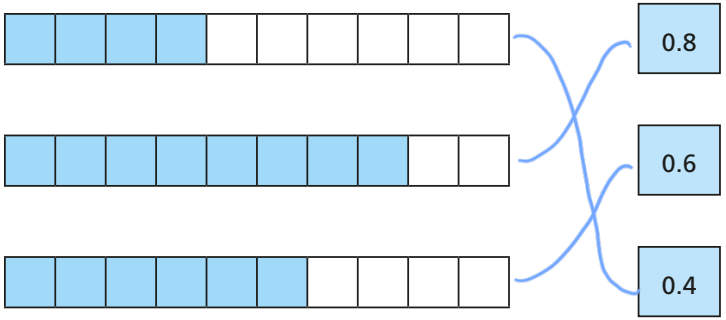
Tenths as decimals

1 Complete the table.

Representation	Words	Fraction	Decimal
	1 tenth	$\frac{1}{10}$	0.1
	7 tenths	$\frac{7}{10}$	0.7
	3 tenths	$\frac{3}{10}$	0.3
	5 tenths	$\frac{5}{10}$	0.5

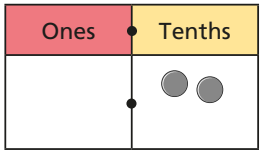
2 Match each bar model to the equivalent decimal.



3 Mo is using a place value chart to represent numbers.

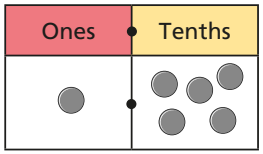
Write each number as a decimal.

a)



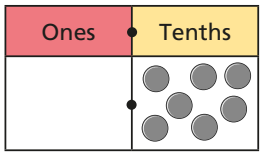
0.2

c)



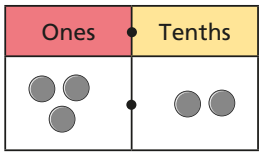
1.5

b)



0.7

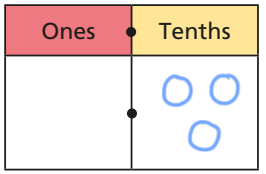
d)



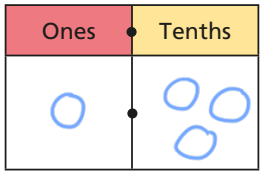
3.2

4 Draw counters to represent the numbers.

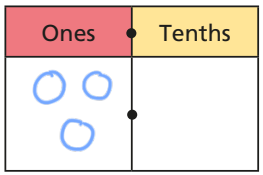
a) 0.3



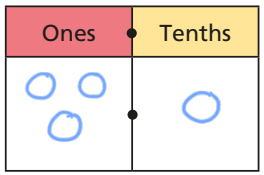
c) 1.3



b) 3



d) 3.1



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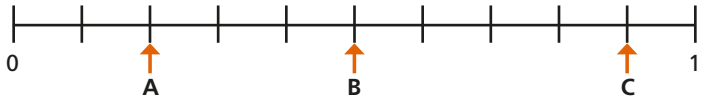
5 Continue the pattern.

fraction	decimal	words	fraction	decimal
$\frac{1}{10}$	0.2	3 tenths	$\frac{4}{10}$	0.5
6 tenths	$\frac{7}{10}$	0.8	9 tenths	$\frac{10}{10}$
words	fraction	decimal	words	fraction

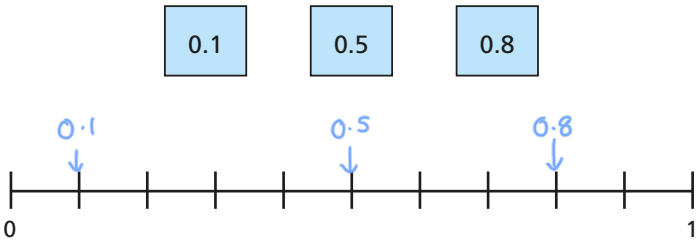
6 What decimal is each arrow pointing to?



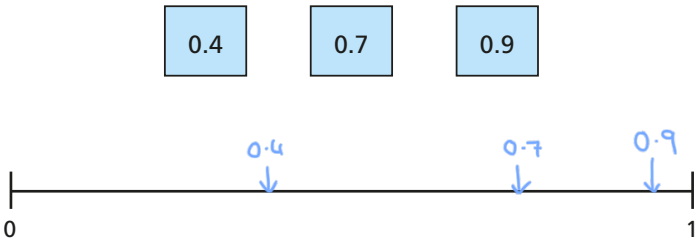
A = 0.2 B = 0.5 C = 0.9

7 Estimate the position of the decimals on the number lines.

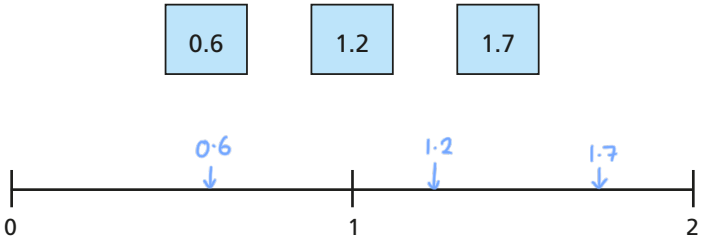
a)



b)



c)



8 Complete the statements.

a) 0.2 > $\frac{1}{10}$

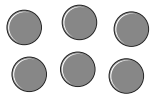
b) 0.8 < $\frac{9}{10}$

c) 7 tenths = 0.7

d) 1.2 = $\frac{12}{10}$

Is there more than one answer for each?

9 Aisha places 6 counters onto this place value chart.



Ones	Tenths

List all the possible numbers she could represent.

0.6 1.5 2.4 3.3

4.2 5.1 6.0

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