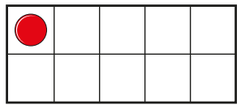
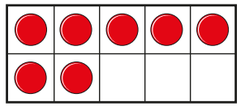
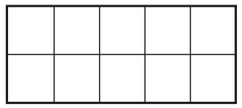
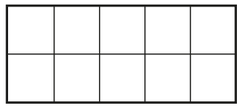
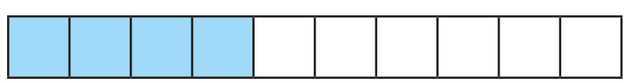
Tenths as decimals

1 Complete the table.

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

2 Match each bar model to the equivalent decimal.



0.8

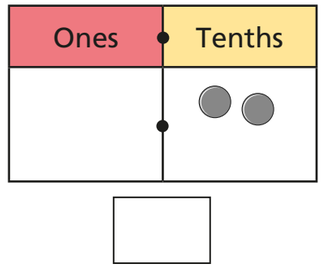
0.6

0.4

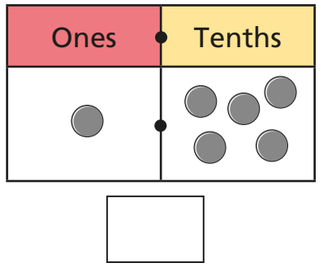
3 Mo is using a place value chart to represent numbers.

Write each number as a decimal.

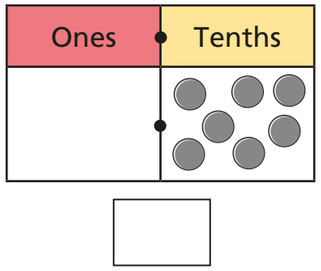
a)



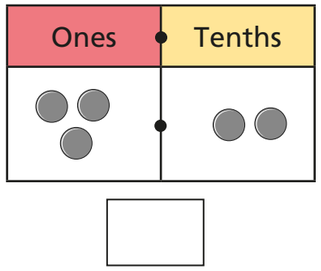
c)



b)

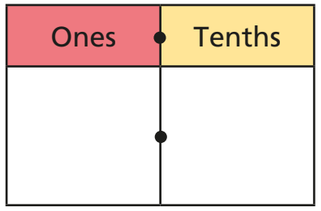


d)

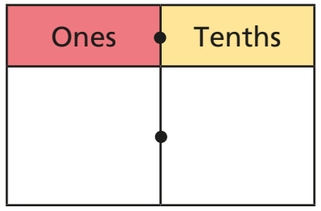


4 Draw counters to represent the numbers.

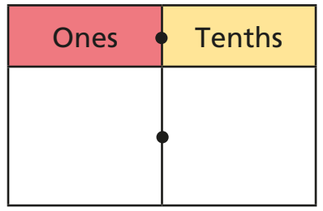
a) 0.3



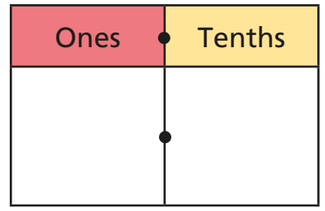
c) 1.3



b) 3



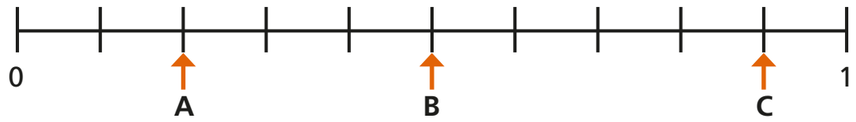
d) 3.1



5 Continue the pattern.

$\frac{1}{10}$	0.2	3 tenths	$\frac{4}{10}$	0.5
6 tenths				

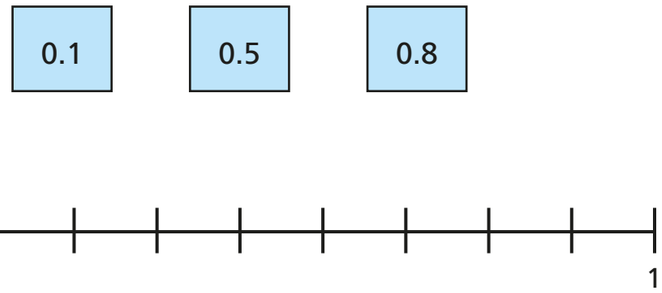
6 What decimal is each arrow pointing to?



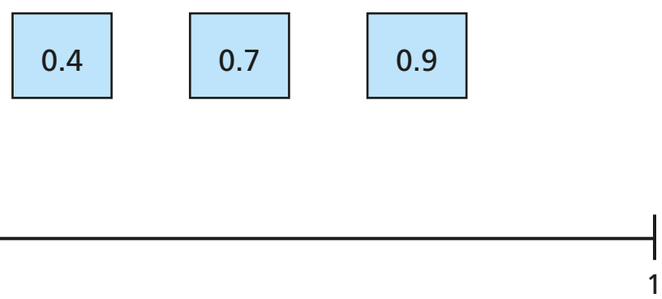
A = ☐ B = ☐ C = ☐

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

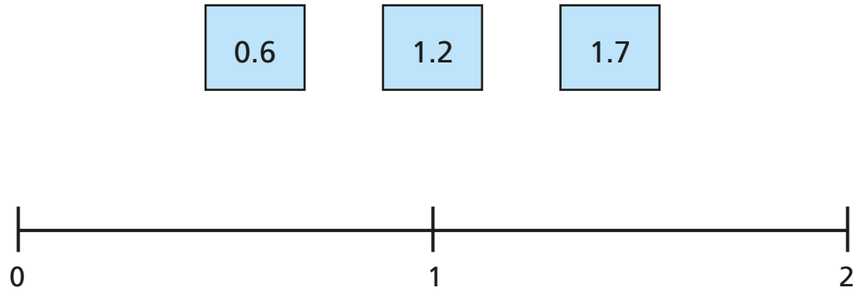
a)



b)



c)



8 Complete the statements.

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

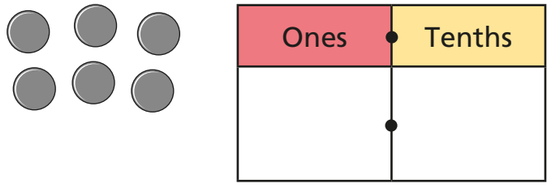
b) $0.8 < \frac{\square}{10}$

c) ☐ tenths = 0.7

d) ☐ $= \frac{12}{10}$

Is there more than one answer for each?

9 Aisha places 6 counters onto this place value chart.



List all the possible numbers she could represent.