

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.

0.8

0.6

0.4

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

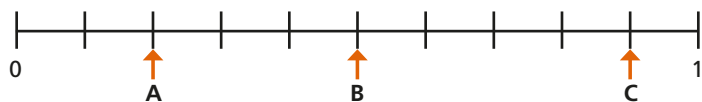
d) 3.1



5 Continue the pattern.

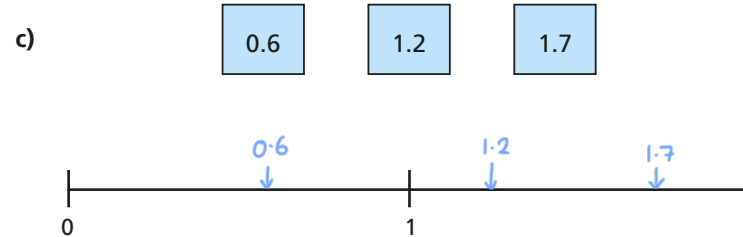
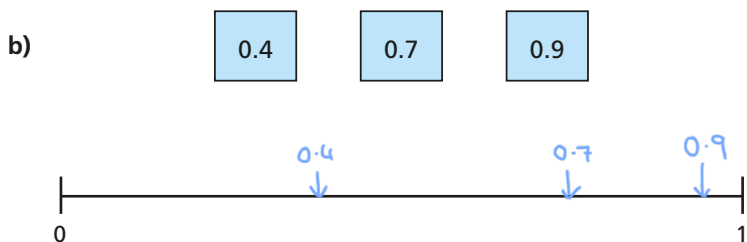
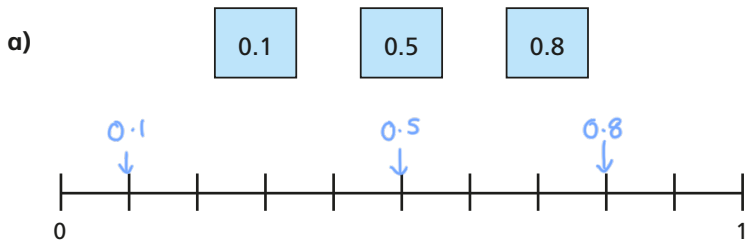
$\frac{1}{10}$ <small>fraction</small>	0.2 <small>decimal</small>	3 tenths <small>words</small>	$\frac{4}{10}$ <small>fraction</small>	0.5 <small>decimal</small>
6 tenths <small>words</small>	$\frac{7}{10}$ <small>fraction</small>	0.8 <small>decimal</small>	9 tenths <small>words</small>	$\frac{10}{10}$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

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.



8 Complete the statements.

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

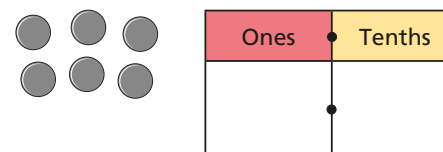
c) 7 tenths = 0.7

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

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

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.

0.6 1.5 2.4 3.3
4.2 5.1 6.0