

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



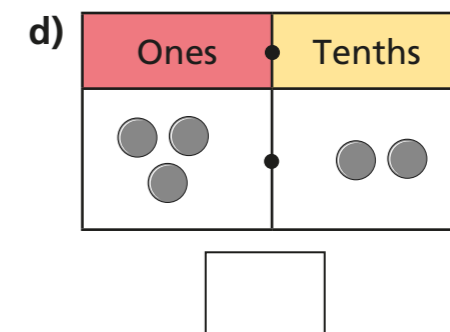
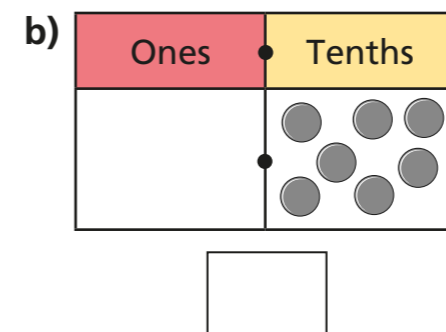
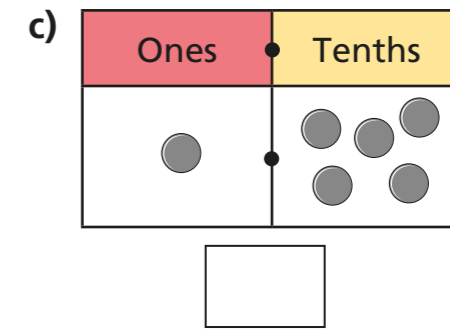
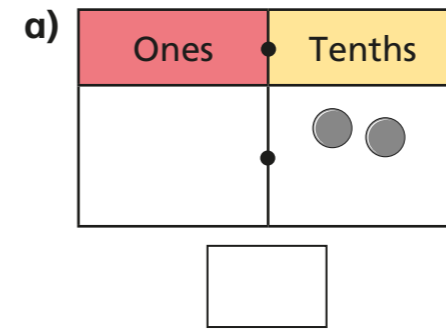
0.6



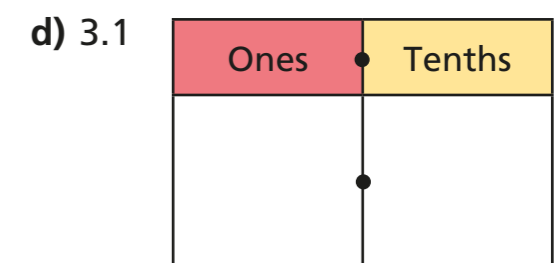
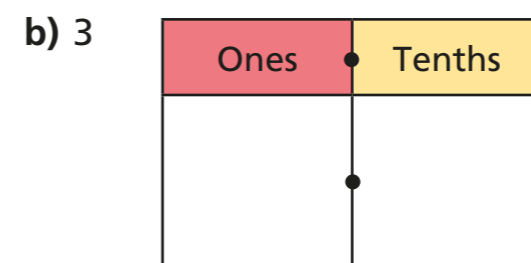
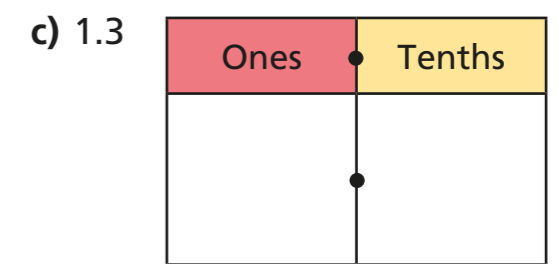
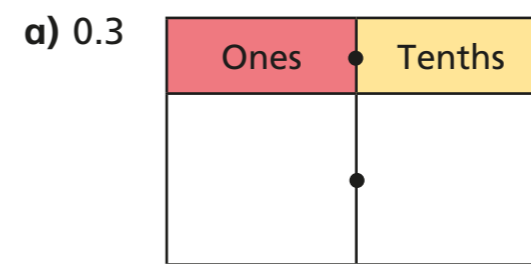
0.4

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

Write each number as a decimal.



4 Draw counters to represent the numbers.

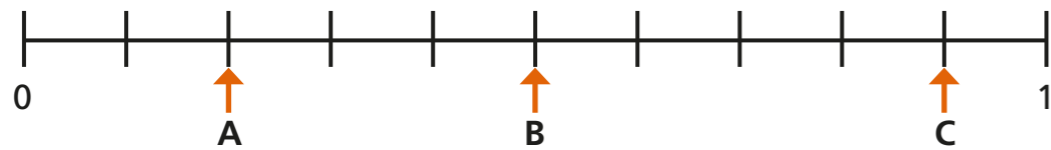




5 Continue the pattern.

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

6 What decimal is each arrow pointing to?



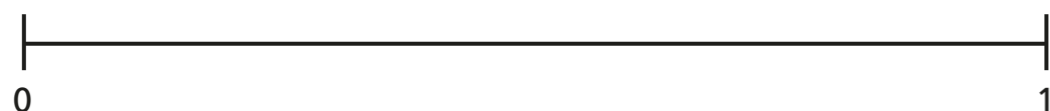
A = B = C =

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

a) 0.1 0.5 0.8

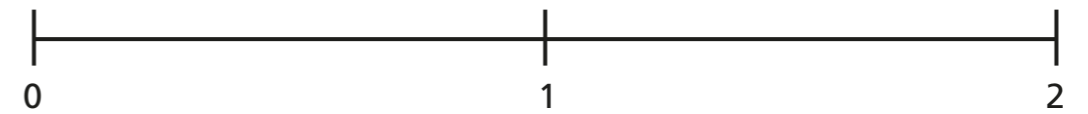


b) 0.4 0.7 0.9



c)

0.6 1.2 1.7



8 Complete the statements.

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

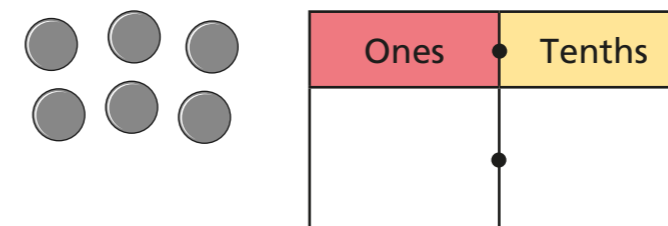
c) tenths = 0.7

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

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.

