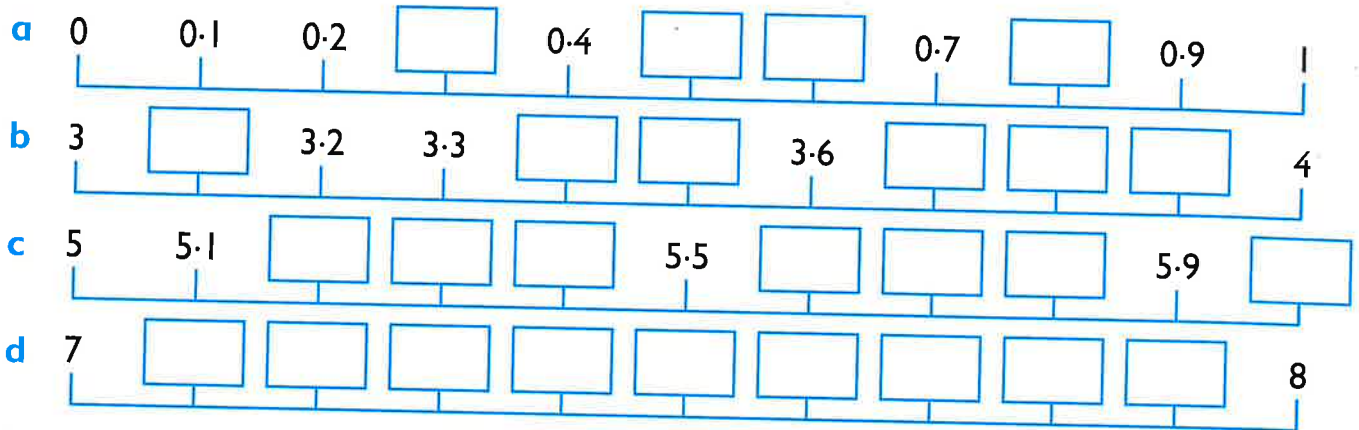# Decimal tenths

● **Use decimal notation for tenths and partition decimals**
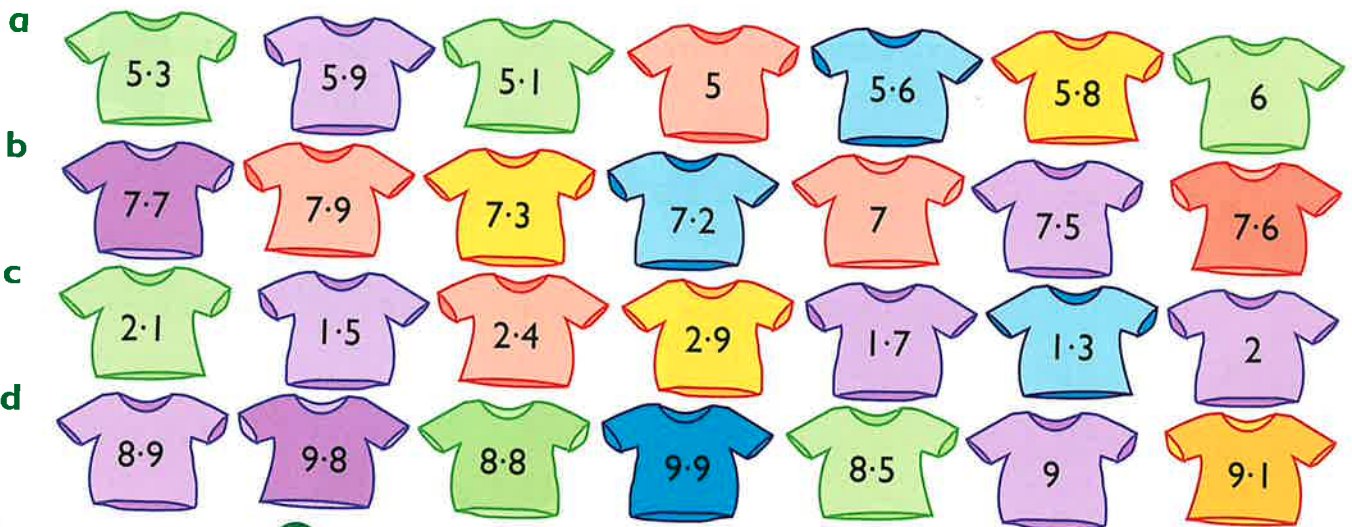
1 Copy and complete the following number lines.

a 0   0·1   0·2   ☐   0·4   ☐   ☐   0·7   ☐   0·9   1

b 3   ☐   3·2   3·3   ☐   ☐   3·6   ☐   ☐   ☐   4

c 5   5·1   ☐   ☐   ☐   5·5   ☐   ☐   ☐   5·9   ☐

d 7   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   8

2 Write the decimal to one place that comes after these numbers.

a 4·2   **b** 5·1   **c** 6·8   **d** 3·5   **e** 2·4
f 9·7   **g** 1   **h** 8·3   **i** 4·9   **j** 7·6

1 Order the decimals from smallest to largest.

a 5·3   5·9   5·1   5   5·6   5·8   6

b 7·7   7·9   7·3   7·2   7   7·5   7·6

c 2·1   1·5   2·4   2·9   1·7   1·3   2

d 8·9   9·8   8·8   9·9   8·5   9   9·1

2 Look at question **1** c. Order the decimals from smallest to largest again, but this time write one decimal that lies between each pair of adjacent numbers.

3 Explain how you order decimals to one place.

1 What is the nearest whole number to each of these decimals?

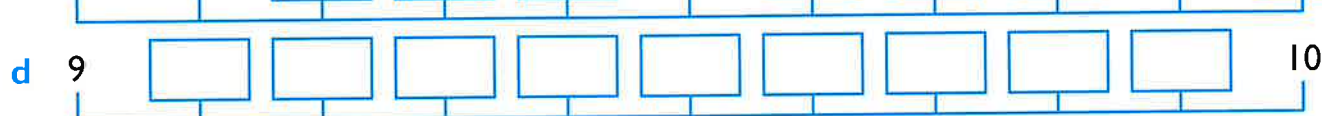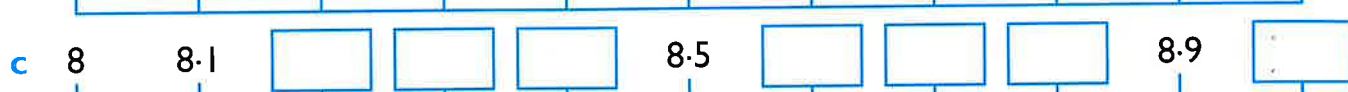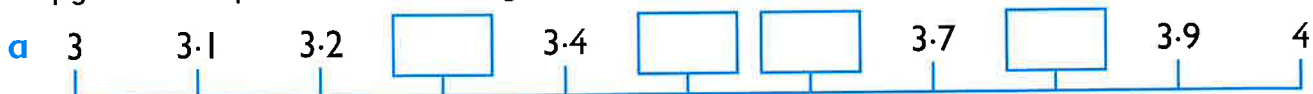**a** 7·8   **b** 3·2   **c** 4·1   **d** 8·9   **e** 1·3

2 Explain how you worked out the answers.

Decimals to one and two places

- **Use decimal notation for tenths and hundredths and partition decimals**

1 Copy and complete the following number lines.

a 3   3·1   3·2   ☐   3·4   ☐   ☐   3·7   ☐   3·9   4

b 6   ☐   6·2   6·3   ☐   ☐   6·6   ☐   ☐   ☐   7

c 8   8·1   ☐   ☐   ☐   8·5   ☐   ☐   ☐   8·9   ☐

d 9   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   ☐   10

2 Write the decimal to one place that comes after these numbers.

a 4·2   b 5·1   c 6·8   d 3·5   e 2·4

f 9·7   g 1   h 8·3   i 4·9

1 Order each set of decimals from smallest to largest.

a 4·34   4·95   4·61   4   4·76   4·28   5
b 7·17   4·76   7·53   7·22   4·57   4·66   7·09
c 5·87   5·35   5·14   5·99   5·67   5·43   4
d 8·59   9·28   8·68   9·39   8·25   9   9·01

2 Look at the decimals from **1** c. Write them out again in order but this time write another decimal in between each pair of decimals.

3 Explain how you order decimals to two places.

1 What is the nearest whole number to these decimals?

a 8·83   b 6·24   c 7·17   d 8·98   e 23·56

2 Explain how you worked out the answers.