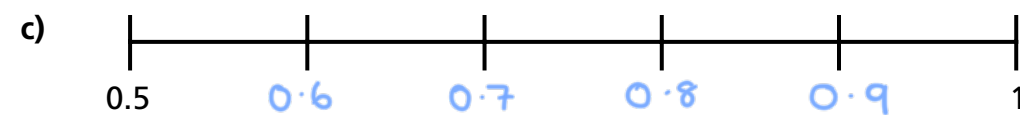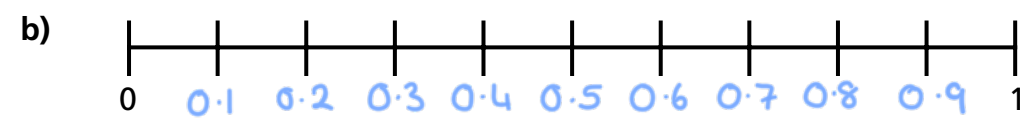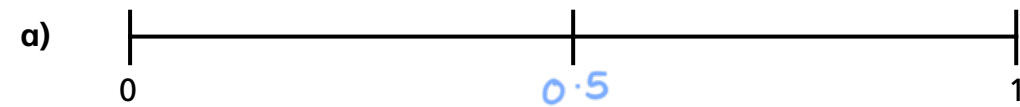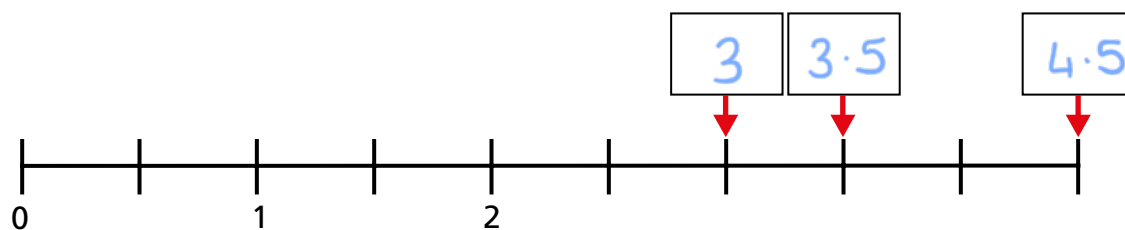# Position decimals on a number line

1 Label the number lines.

a)

0   0·5   1

b)

0   0·1   0·2   0·3   0·4   0·5   0·6   0·7   0·8   0·9   1

c)

0.5   0·6   0·7   0·8   0·9   1

d)

0.25   0·5   0·75   1

2 What numbers are the arrows pointing to?

$\boxed{3}$ $\boxed{3·5}$ $\boxed{4·5}$

0   1   2

3 What numbers are the arrows pointing to?

a)

$\boxed{5}$ $\boxed{8·5}$

0   10

b)

$\boxed{7·2}$ $\boxed{7·7}$ $\boxed{7·85}$

7   8

c)

$\boxed{2·51}$ $\boxed{2·555}$ $\boxed{2·585}$

2.5   2.6
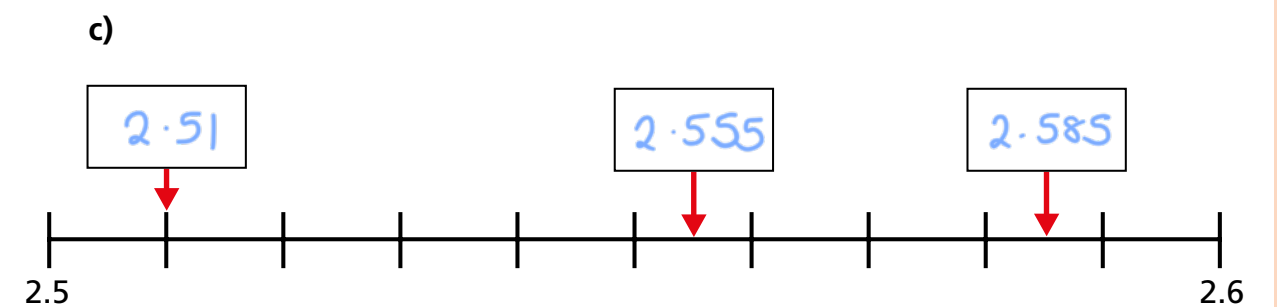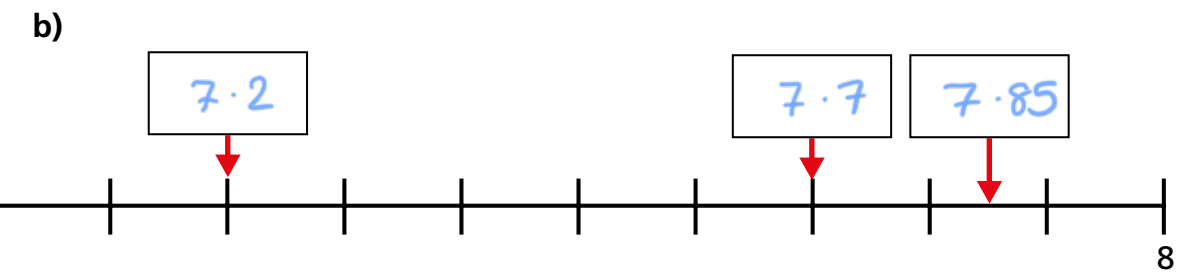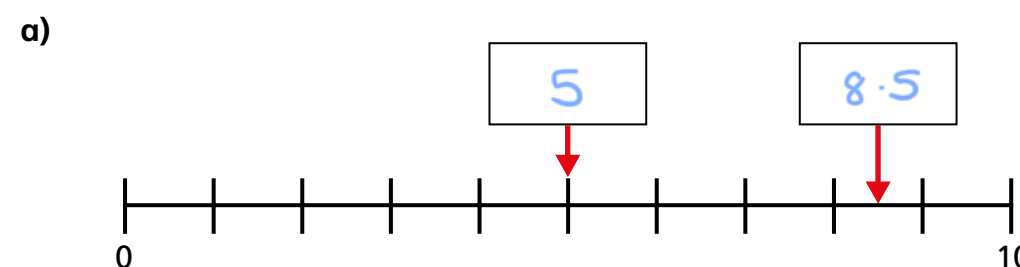
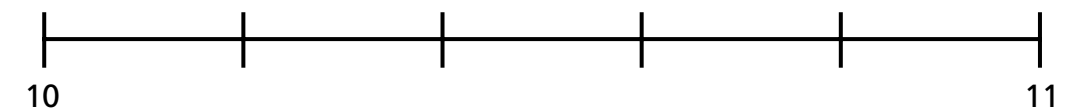**4** Kim thinks the arrow is pointing to 4.2

4   5   6
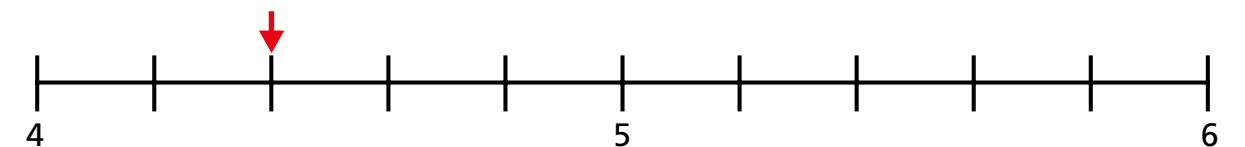
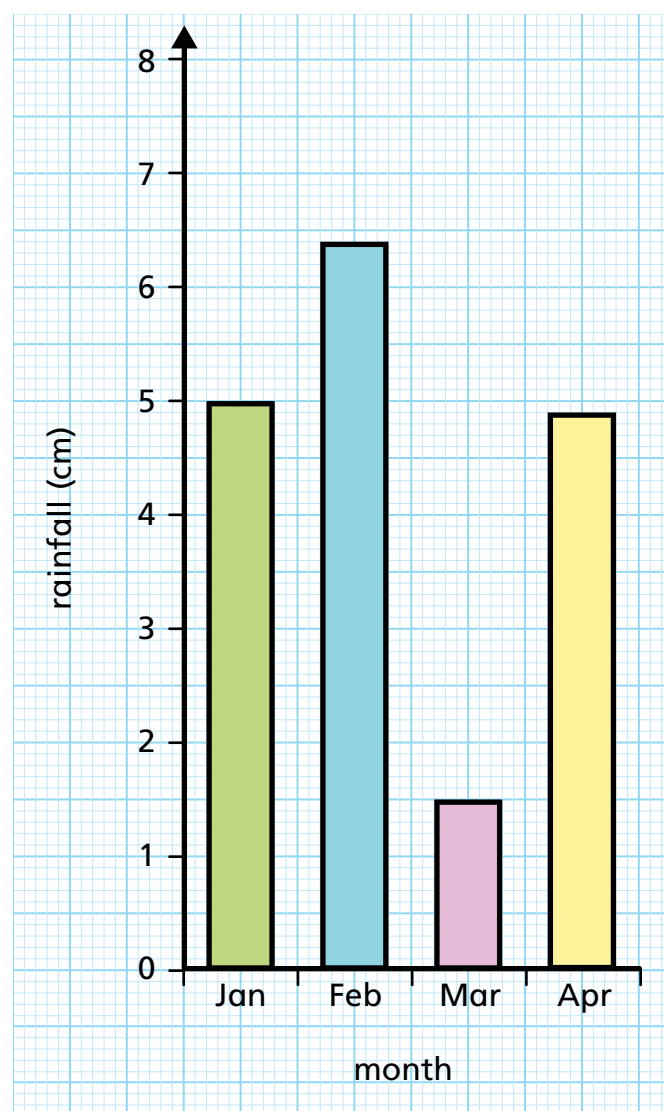Is Kim correct? __NO__

Explain your answer.

The number line is going up in 0·2s so the arrow is pointing 4·4

5 What does each interval on the number line represent?

10   11

Each interval on the number line represents $\boxed{0·2}$

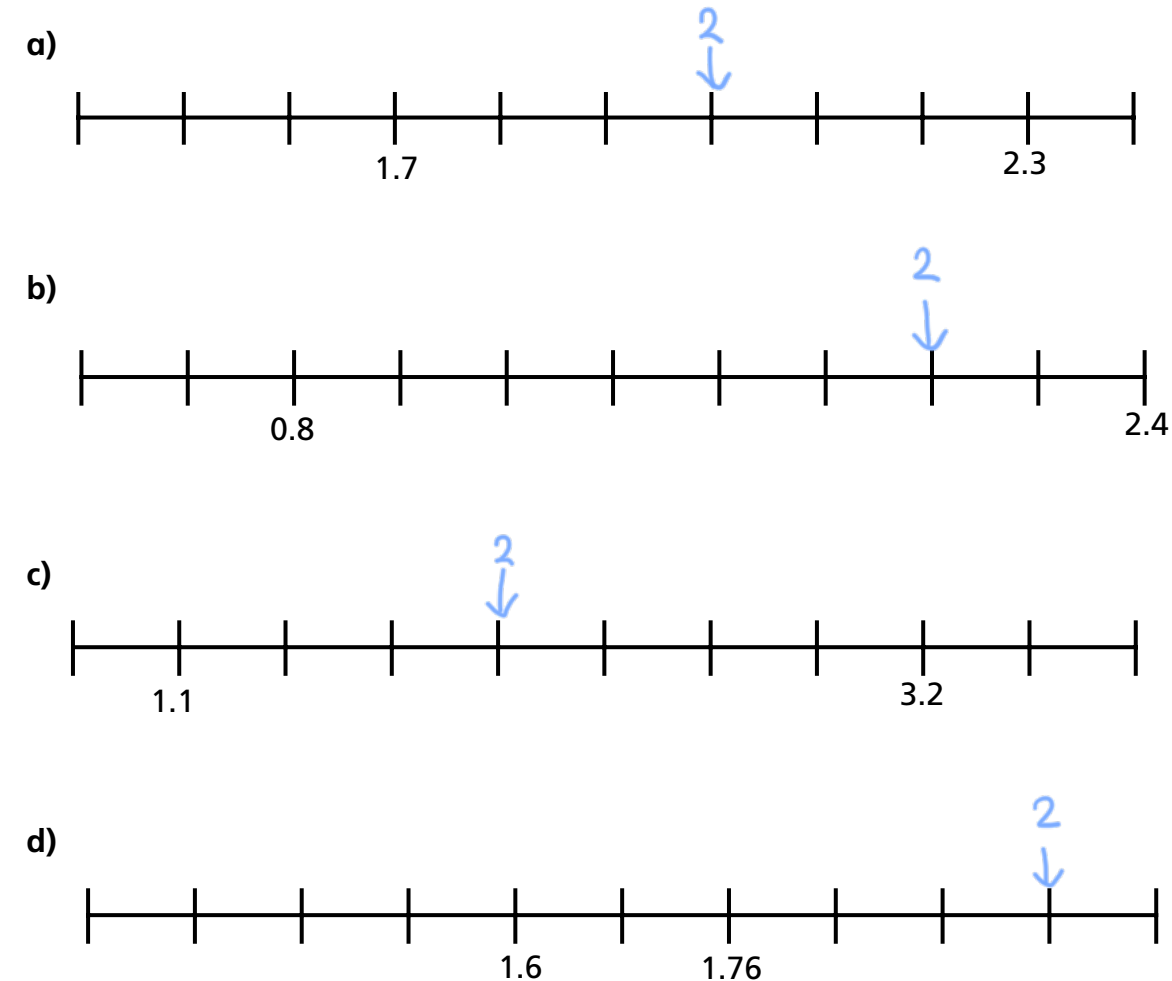**6** The bar chart shows the rainfall in a city for the first four months of the year.

Complete the table.

Month	Jan	Feb	Mar	Apr
Rainfall (cm)	5 cm	6.4 cm	1.5 cm	4.9 cm

7 Label the number line.

11.9   11.95   12   12.05   12.1   12.15   12.2

8 Label the number 2 on each number line.

a)

1.7   2.3

b)

0.8   2.4

c)

1.1   3.2

d)

1.6   1.76

9 What could the end points be on this number line?

E.g.   5   5.4

5.2
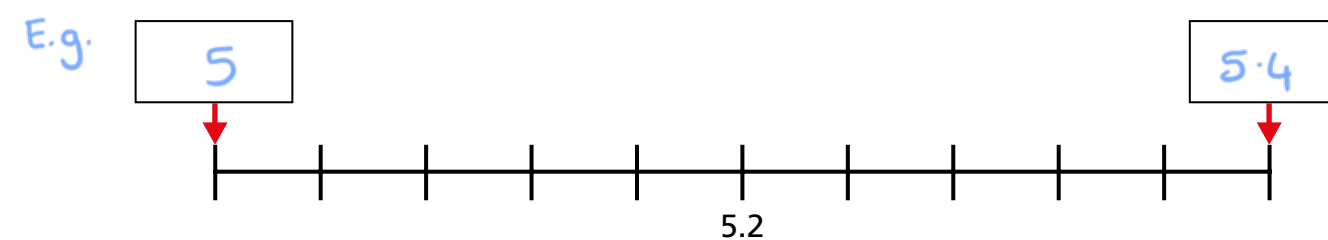
How many solutions can you find?

Compare answers with a partner.