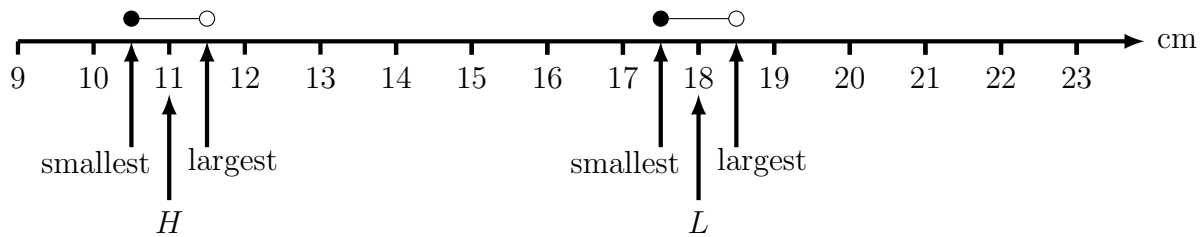


1. Isaac measures the height and width of an envelope are measured to the nearest centimetre. He says

“The height, H cm, of the envelope is 11 cm to the nearest centimetre”

Isaac’s teacher says

“You can write the values that H could be, as the inequality $10.5 \leq H < 11.5$ ”



Complete the following

- (a) The length, L cm of the envelope is cm to the nearest centimetre
 (b) $\leq L <$
2. The height, H m, of a building is measured as 22 m correct to the nearest metre.

Complete the following statement to show the range of possible values of H

..... $\leq H <$

inequality (6) Answers Q1: 18 b) $17.5 \leq L < 18.5$ Q2: $21.5 \leq H < 22.5$

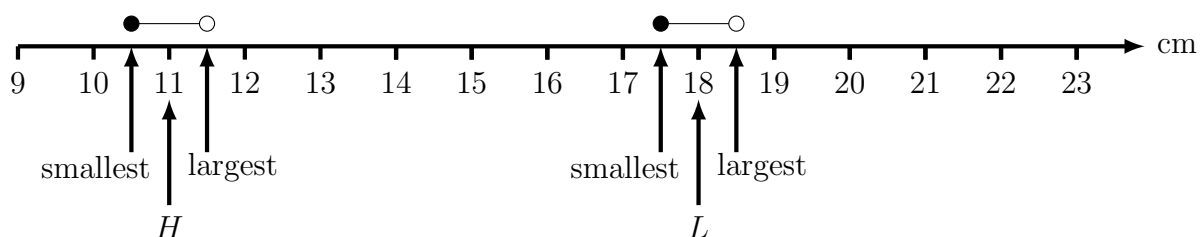
Q3: metre b) $11.5 \leq L < 12.5$ 2c) 8 2d) $7.5 \leq W < 8.5$ Q4: $5.5 \leq V < 6.5$

1. Isaac measures the height and width of an envelope are measured to the nearest centimetre. He says

“The height, H cm, of the envelope is 11 cm to the nearest centimetre”

Isaac’s teacher says

“You can write the values that H could be, as the inequality $10.5 \leq H < 11.5$ ”



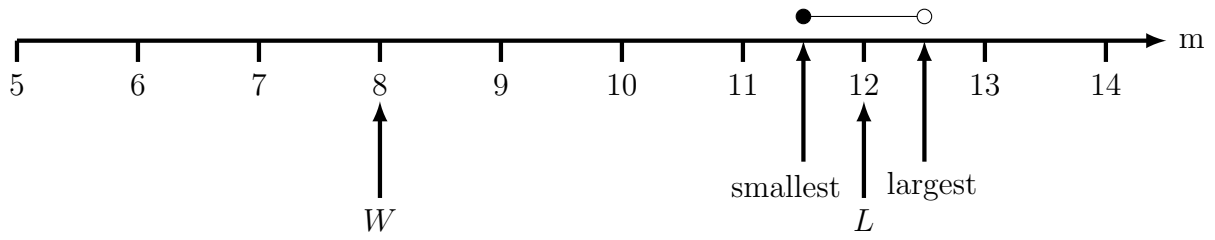
Complete the following

- (a) The length, L cm of the envelope is cm to the nearest centimetre
 (b) $\leq L <$
2. The height, H m, of a building is measured as 22 m correct to the nearest metre.

Complete the following statement to show the range of possible values of H

..... $\leq H <$

3. The length, L m, and width, W m, of a garden are measured to the nearest metre.



Complete the following

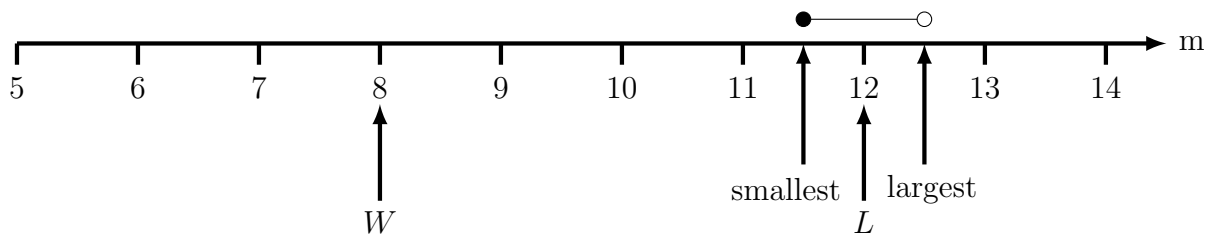
- (a) The length, L m, of the garden is measured as 12 m to the nearest
- (b) $\leq L <$
- (c) The width, W m, of the garden is measured as m to the nearest metre
- (d) $\leq W <$

4. The volume, V cm, of a bowl is measured as 6 litres correct to the nearest litre.

Complete the following statement to show the range of possible values of V

..... $\leq V <$

3. The length, L m, and width, W m, of a garden are measured to the nearest metre.



Complete the following

- (a) The length, L m, of the garden is measured as 12 m to the nearest
- (b) $\leq L <$
- (c) The width, W m, of the garden is measured as m to the nearest metre
- (d) $\leq W <$

4. The volume, V cm, of a bowl is measured as 6 litres correct to the nearest litre.

Complete the following statement to show the range of possible values of V

..... $\leq V <$