

Equivalent lengths – m and cm



- 1 There are 100 centimetres (cm) in 1 metre (m).
Use the bar models to complete the sentences.

| |
|--------|
| 1 m |
| 100 cm |

a)

| | | |
|-----|-----|-----|
| 1 m | 1 m | 1 m |
| | | |

There are cm in 3 m.

b)

| | | | | | |
|-----|-----|-----|-----|-----|-----|
| 1 m | 1 m | 1 m | 1 m | 1 m | 1 m |
| | | | | | |

There are cm in 6 m.

c)

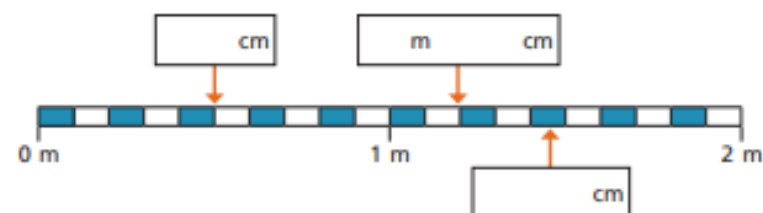
| | | | | |
|--------|--------|--------|--------|--------|
| | | | | |
| 100 cm | 100 cm | 100 cm | 100 cm | 100 cm |

There are 500 cm in m.

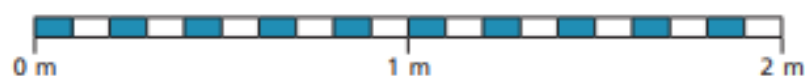
- 2 Complete the table to show equivalent lengths and continue the pattern.

| cm | m and cm |
|--------|---------------|
| 310 cm | 3 m and 10 cm |
| 320 cm | m and cm |
| 330 cm | m and cm |
| cm | 3 m and 40 cm |
| cm | 3 m and 50 cm |
| cm | m and cm |
| cm | m and cm |

- 3 Write the missing measurements.



- 4 Draw an arrow to show the position of each measurement.



| A | B | C | D |
|-------|-----------|--------|-----------|
| 20 cm | 0 m 75 cm | 130 cm | 1 m 65 cm |

- 5 Complete the bar models.

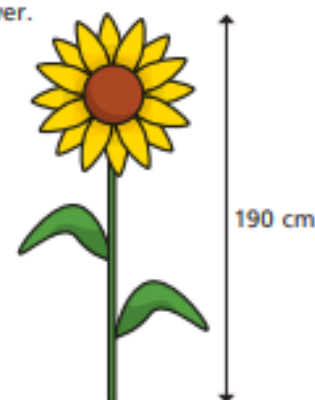
| | | | |
|----|--|----|---|
| a) | <div>160 cm</div> <div>m cm</div> | c) | <div>cm</div> <div>4 m 10 cm</div> |
| b) | <div>268 cm</div> <div>m cm</div> | d) | <div>cm</div> <div>2 m 5 cm</div> |

- 6 Complete the sentences.

- a) 240 cm = m and cm
 b) 319 cm = m and cm

- c) 508 cm = m and cm
 d) 2 m and 15 cm = cm
 e) 8 m and 3 cm = cm

- 7 Here is Huan's sunflower.



Dani's sunflower is 2 m and 30 cm.

Tom's sunflower is exactly halfway between Huan's and Dani's.

How tall is Tom's sunflower?

Write your answer in metres and centimetres.

m and cm

