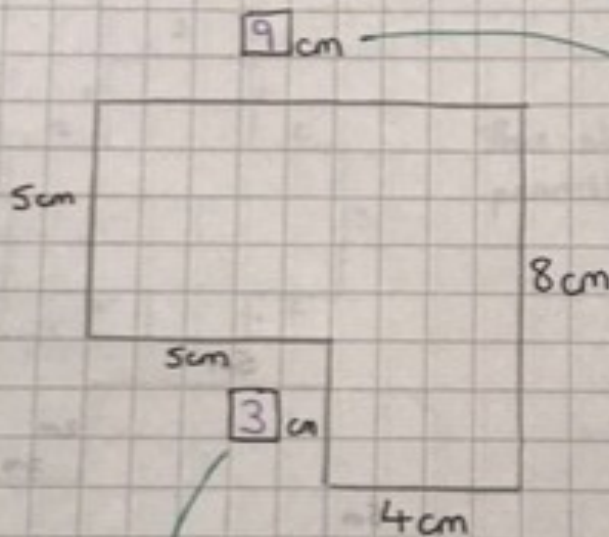


$$6 + 5 + 2 + 2 + 4 + 3 = 22 \text{ cm}$$

$$4 + 2 + 2 + 1 + 3 + 3 + 5 + 6 = 26 \text{ cm}$$

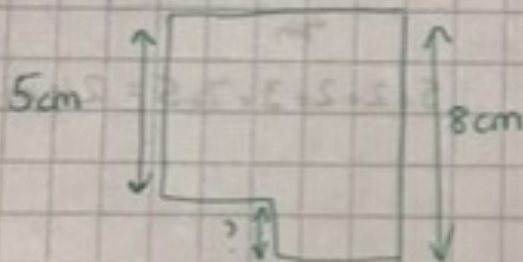
2. $10 + 5 + 7 + 3 + 3 + 8 = 36 \text{ cm}$

3. a)



I can see the unknown length is the same as the 5cm and 4cm lengths put together.

$$5 + 4 = 9 \text{ cm.}$$

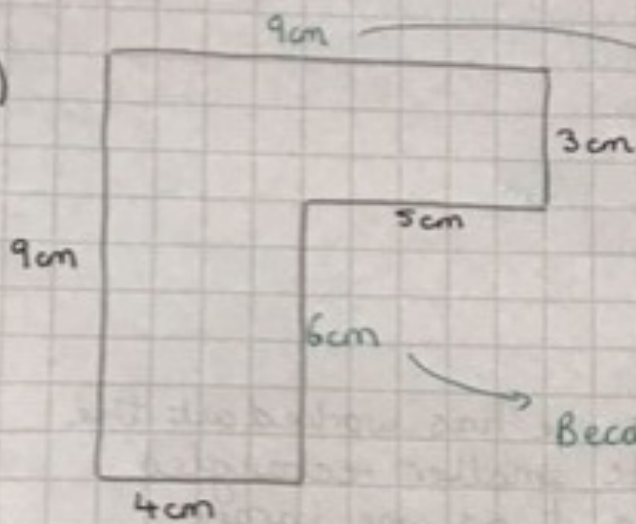


Total perimeter:

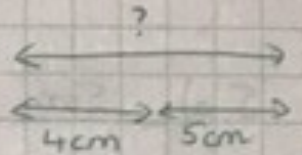
$$5 + 5 + 3 + 4 + 8 + 9 = 34 \text{ cm}$$

I know the total length is 8cm.
I can see that one part is 5cm.
So to find the unknown length
I can do $8 - 5 = 3 \text{ cm}$

4. a)

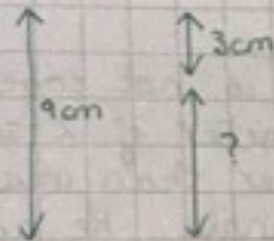


Because



$$4 + 5 = 9 \text{ cm.}$$

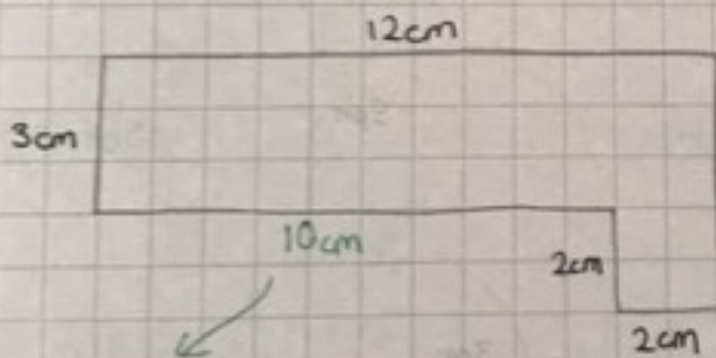
Because



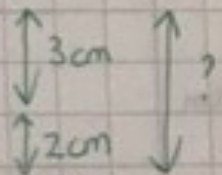
$$9 - 3 = 6 \text{ cm.}$$

$$\text{Total perimeter} = 9 + 4 + 6 + 5 + 3 + 9 = 36 \text{ cm.}$$

b)

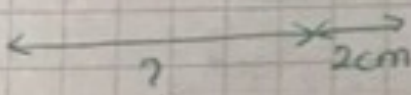
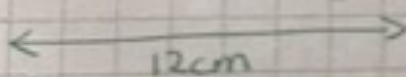


Because



$$3 + 2 = 5 \text{ cm.}$$

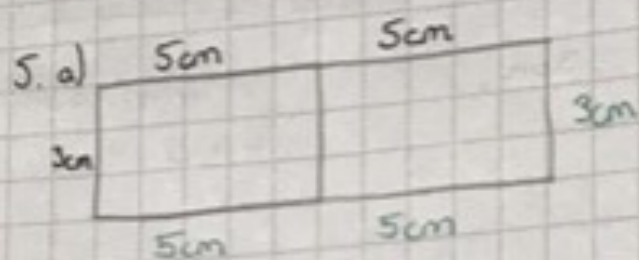
Because



$$12 - 2 = 10 \text{ cm.}$$

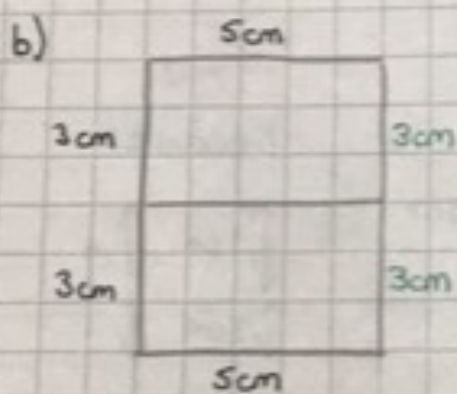
Total perimeter:

$$3 + 10 + 2 + 2 + 5 + 12 = 34 \text{ cm}$$



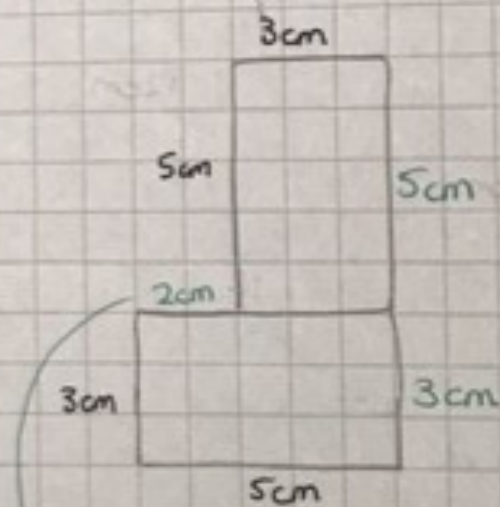
Mo is not correct as he has worked out the perimeter of 2 separate smaller rectangles rather than imagining it as one larger rectangle. He has included the measurement for the line down the middle, but perimeter is the distance around the outside of the shape.

$$\text{Total perimeter} = 3 + 5 + 5 + 3 + 5 + 5 = 26 \text{ cm.}$$

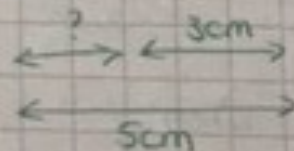


Total perimeter:

$$3 + 3 + 5 + 3 + 3 + 5 = 22 \text{ cm.}$$



Because

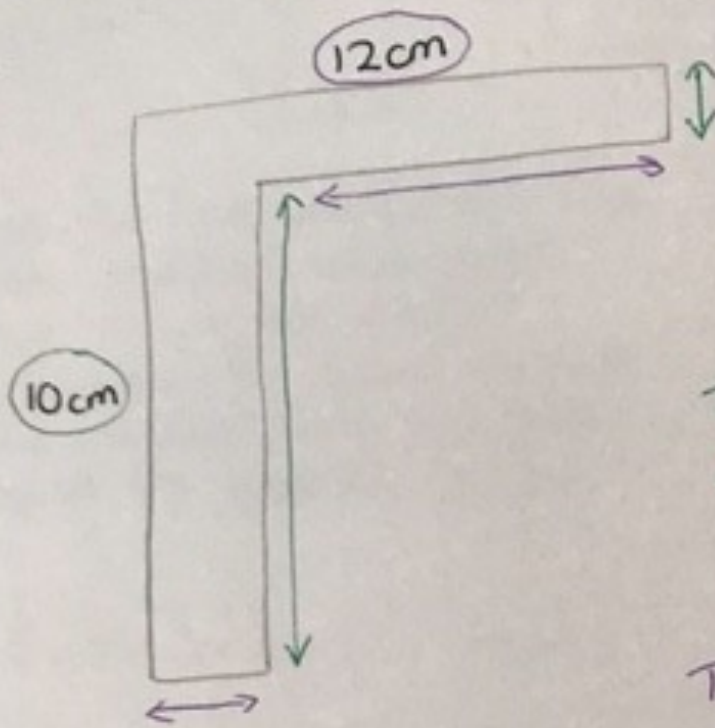


$$5 - 3 = 2 \text{ cm.}$$

Total perimeter:

$$5 + 2 + 3 + 5 + 3 + 3 = 26 \text{ cm}$$

6.



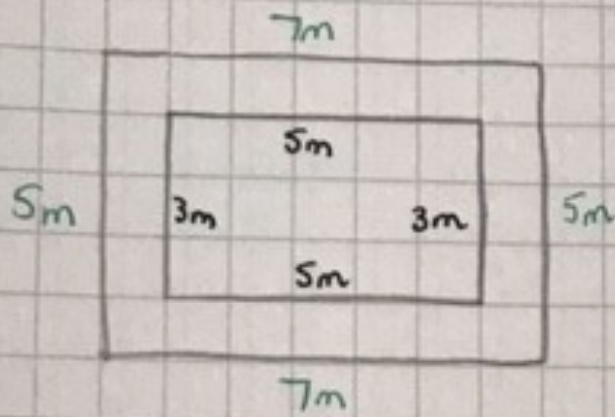
Dani is not correct.
We can work out the perimeter because we know that:

The two green lines must have a total of 10cm.

The two purple lines must have a total of 12cm.

$$10 + 12 + 10 + 12 = 44\text{cm}$$

7.



a) The flower bed.

$$\text{Perimeter} = 3 + 5 + 3 + 5 = 16 \text{ m.}$$

b) The path.

$$\text{Perimeter} = 5 + 7 + 5 + 7 = 24 \text{ cm.}$$