

Chal-  
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# Week Commencing

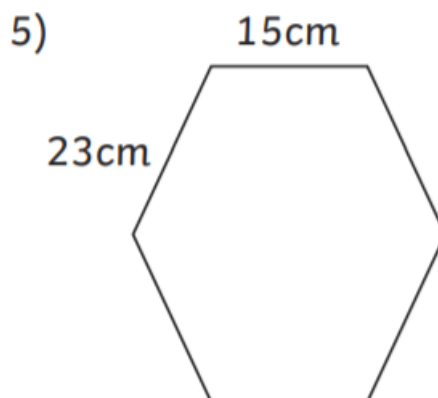
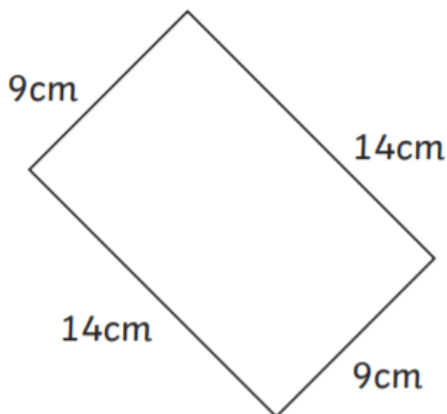
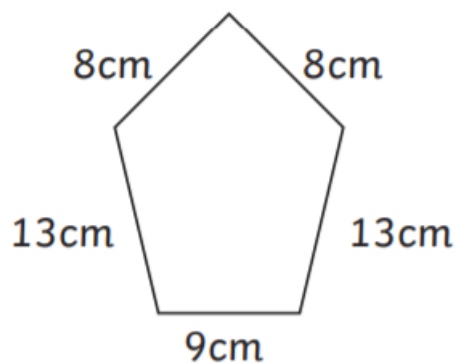
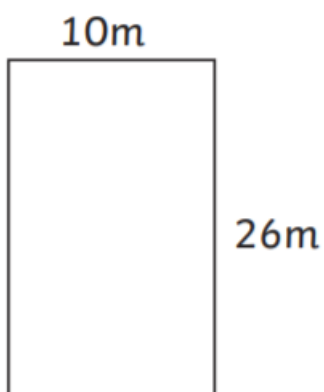
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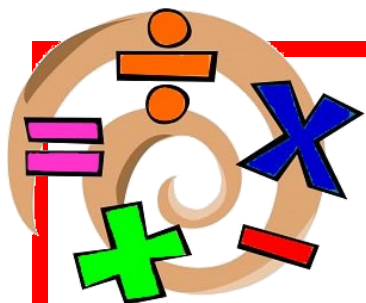
## 18.5. 20



Reminder– Perimeter is the distance around the outside of the shape. In rectangles you can do length + width x2 or add the 4 sides. In irregular shapes, you must add all the external sides.

### Challenge 1





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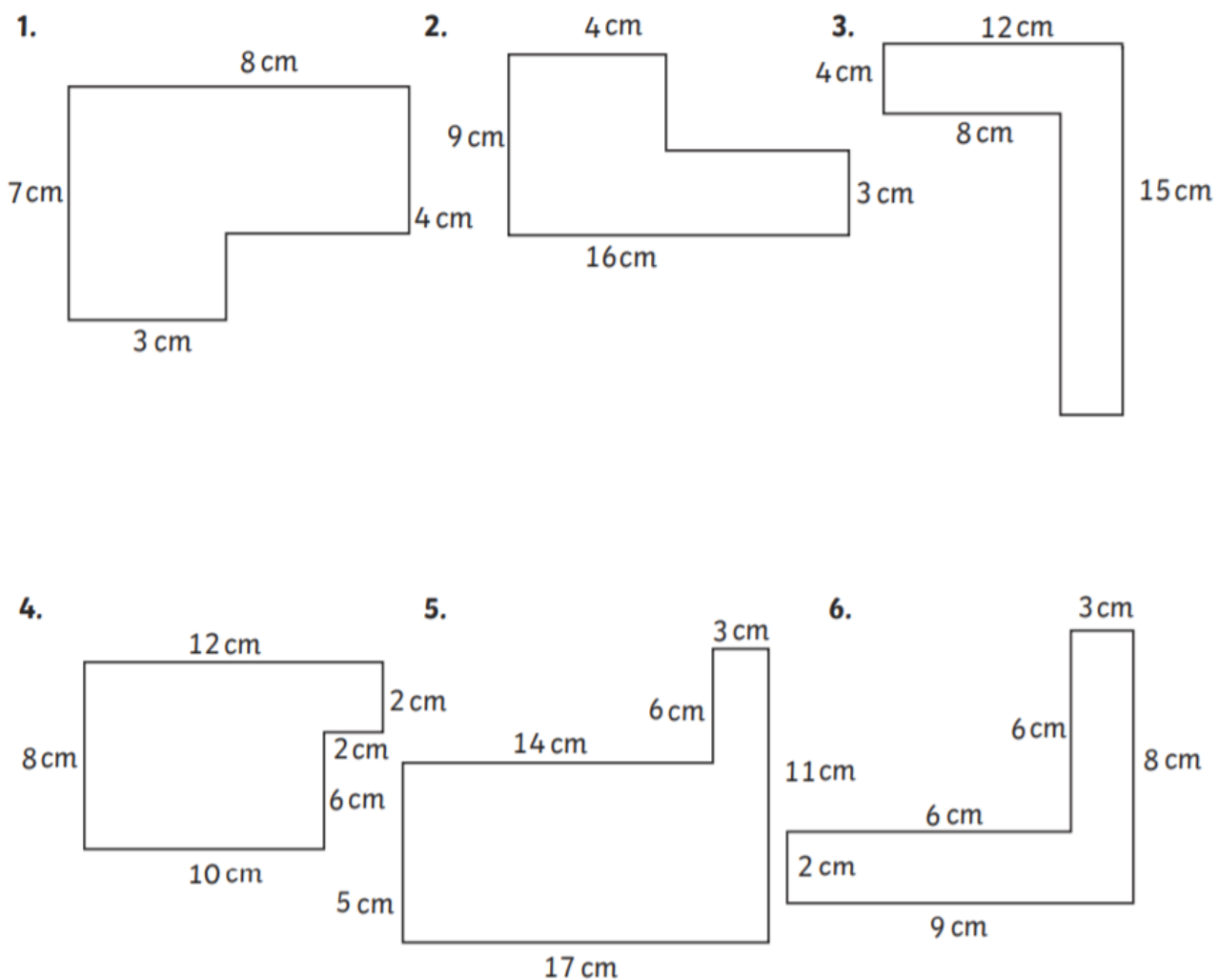
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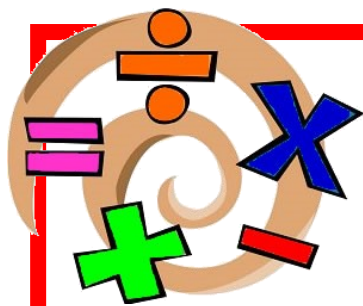
## 18.5. 20



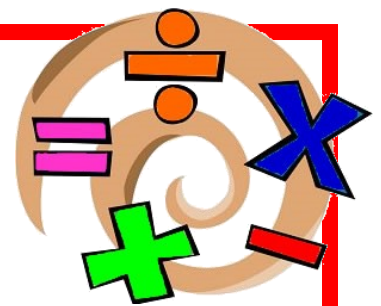
Reminder– Perimeter is the distance around the outside of the shape. In rectangles you can do length + width x2 or add the 4 sides. In irregular shapes, you must add all the external sides.

### Challenge 2– Calculate the missing side then find the perimeter.

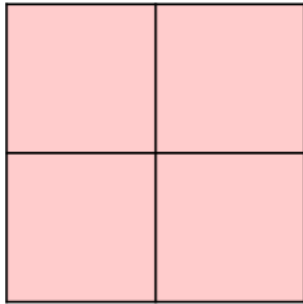




# REASONING



1a. This shape has been made using identical squares. One square has a perimeter of 12cm. What is the perimeter of the whole shape?

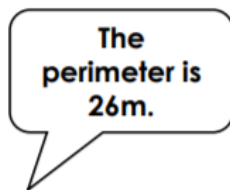


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How many different rectangles can you draw that have a perimeter of 60cm? (Each side length needs to be a whole number.)

Do you have to draw all your answers or can you find a systematic way of recording the lengths of the sides?

3b. Oliver is working out the perimeter of this shape.



Is Oliver right? Explain your answer.

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