

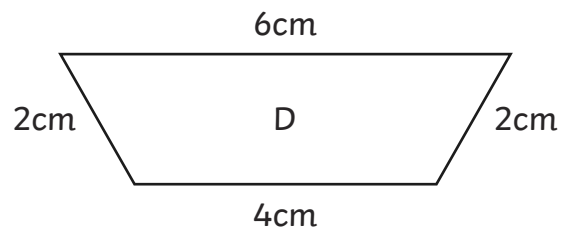
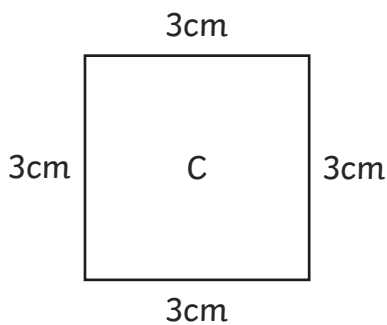
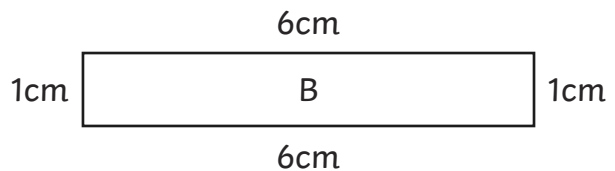
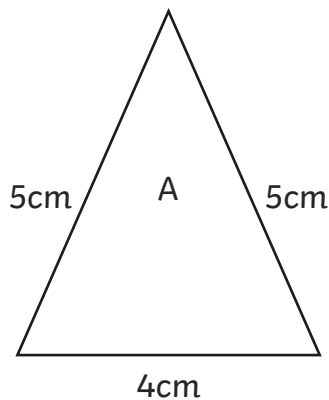


# Solving Perimeter Problems

I can solve problems involving perimeter.



- 1) Calculate the perimeter of these shapes.  
Which is the odd one out, and why?



Odd shape out: \_\_\_\_\_

Reason: \_\_\_\_\_

\_\_\_\_\_



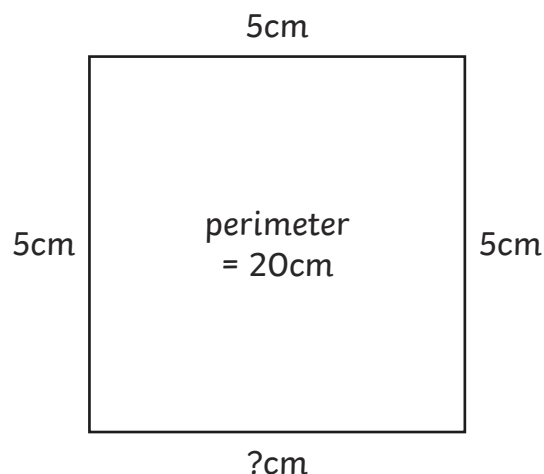
2) Calculate the length of the missing side.

a) Hint:

$$5\text{cm} + 5\text{cm} + 5\text{cm} + \underline{\hspace{2cm}} = 20\text{cm}$$

$$15\text{cm} + \underline{\hspace{2cm}} = 20\text{cm}$$

Missing side =  $\underline{\hspace{2cm}}$  cm

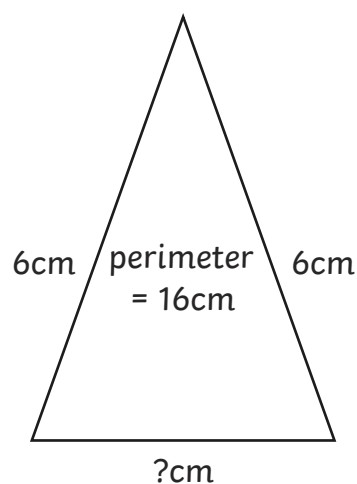


b) Hint:

$$6\text{cm} + 6\text{cm} + \underline{\hspace{2cm}} = 16\text{cm}$$

$$12\text{cm} + \underline{\hspace{2cm}} = 16\text{cm}$$

Missing side =  $\underline{\hspace{2cm}}$  cm

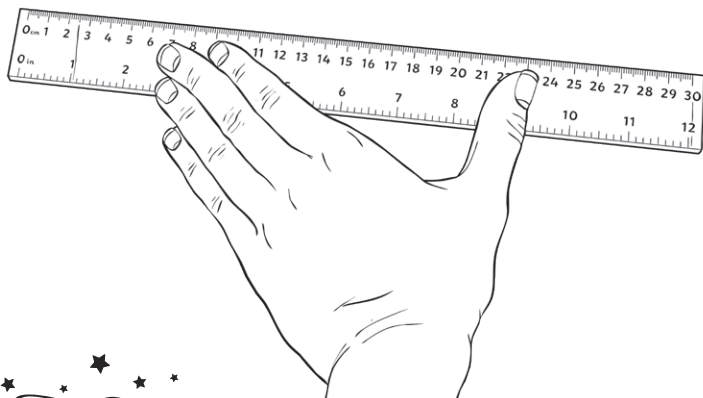
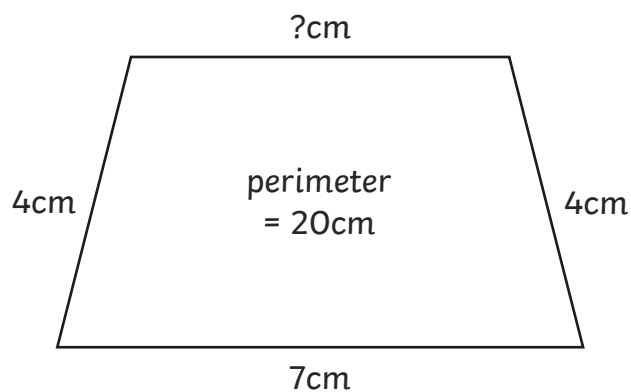


c) Hint:

$$7\text{cm} + 4\text{cm} + 4\text{cm} + \underline{\hspace{2cm}} = 20\text{cm}$$

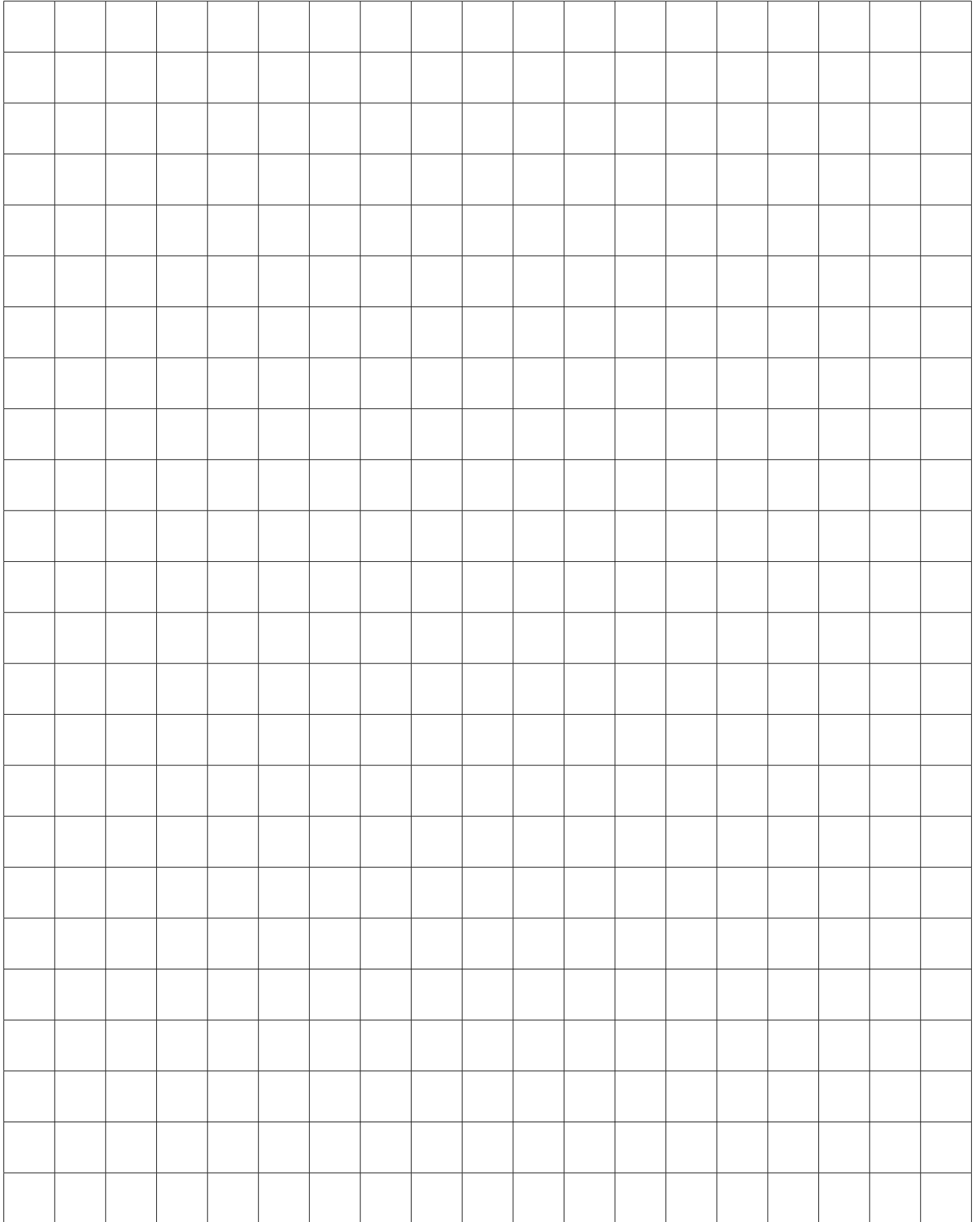
$$15\text{cm} + \underline{\hspace{2cm}} = 20\text{cm}$$

Missing side =  $\underline{\hspace{2cm}}$  cm





3) Draw two different rectangles, with a perimeter of 16cm:





# Solving Perimeter Problems **Answers**

Question	Answer
1.	Calculate the perimeter of these shapes. Which is the odd one out, and why?
	Odd shape out: <i>Shape C</i>  Reason: <i>a sentence to show that Shape C has a perimeter of 12cm and all the other shapes have a perimeter of 14cm.</i>
2.	Calculate the length of the missing side.
	a. <i>5cm</i>
	b. <i>4cm</i>
	c. <i>5cm</i>
3.	Draw two different rectangles, with a perimeter of 16cm:
	Two rectangles drawn from the following dimensions: <i>7cm x 1cm; 6cm x 2cm; 5cm x 3cm; 4cm x 4cm</i>

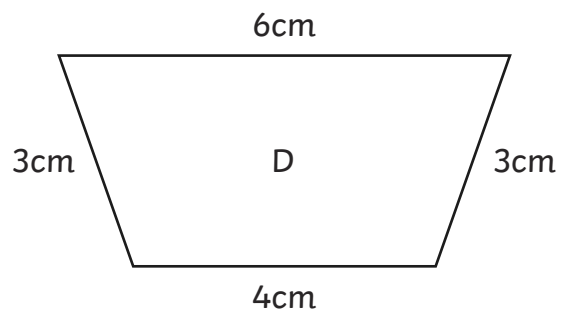
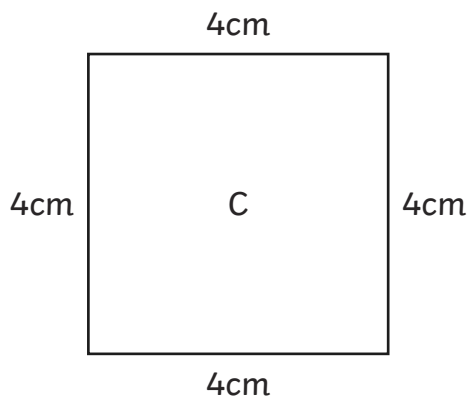
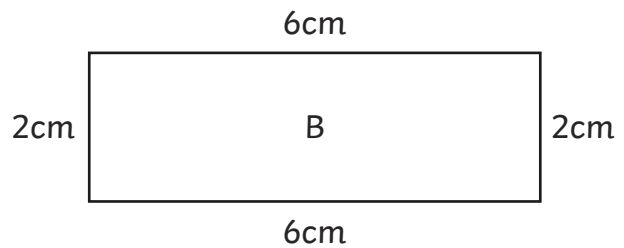
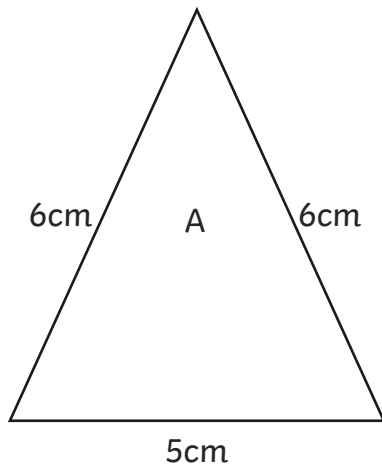


# Solving Perimeter Problems

I can solve problems involving perimeter.



- 1) Calculate the perimeter of these shapes.  
Which is the odd one out, and why?



Odd shape out: \_\_\_\_\_

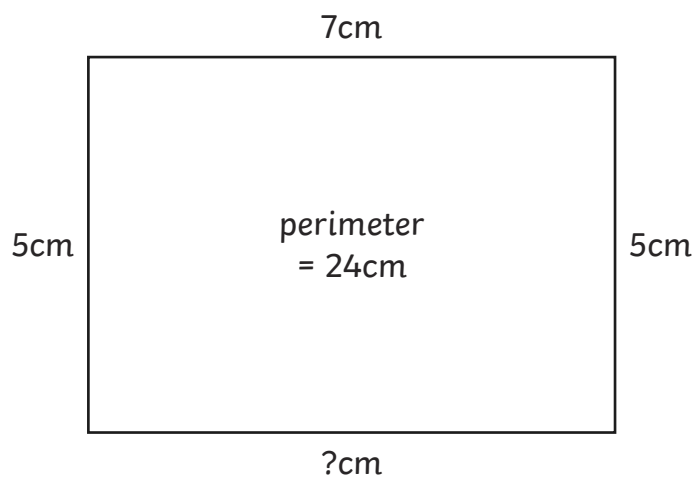
Reason: \_\_\_\_\_

\_\_\_\_\_

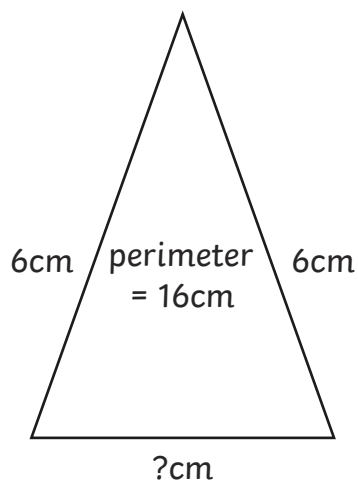


2) Calculate the length of the missing side.

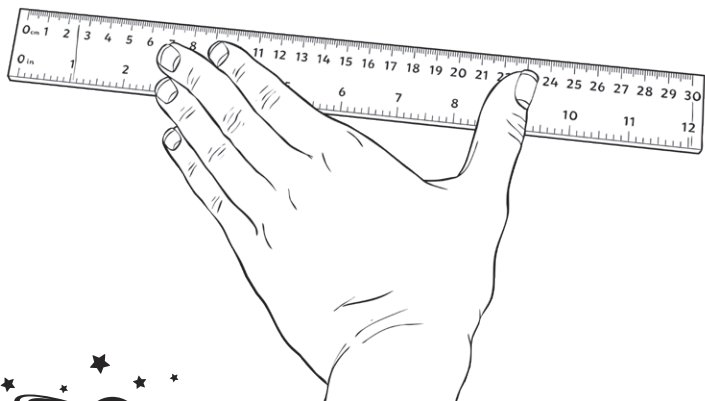
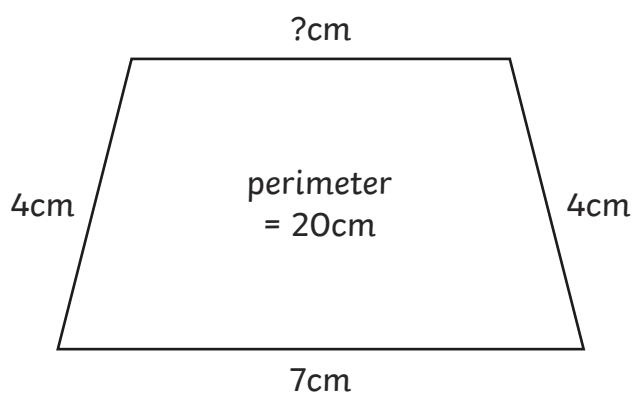
a) Missing side = \_\_\_\_\_ cm



b) Missing side = \_\_\_\_\_ cm



c) Missing side = \_\_\_\_\_ cm





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# Solving Perimeter Problems **Answers**

Question	Answer
1.	Calculate the perimeter of these shapes. Which is the odd one out, and why?
	Odd shape out: <b>Shape A</b>  Reason: <b>a sentence to show that Shape A has a perimeter of 17cm and all the other shapes have a perimeter of 16cm.</b>
2.	Calculate the length of the missing side.
	a. <b>7cm</b>
	b. <b>4cm</b>
	c. <b>5cm</b>
3.	Draw different rectangles, with a perimeter of 24cm:
	Rectangles drawn from the following dimensions: <b>11cm x 1cm; 10cm x 2cm; 9cm x 3cm; 8cm x 4cm; 7cm x 5cm; 6cm x 6cm</b>



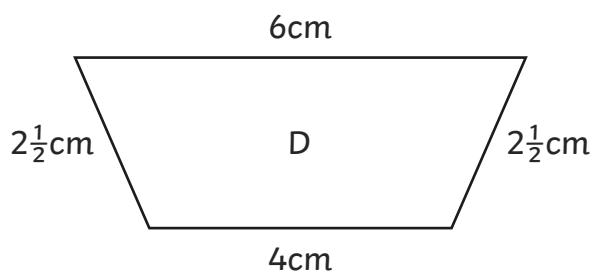
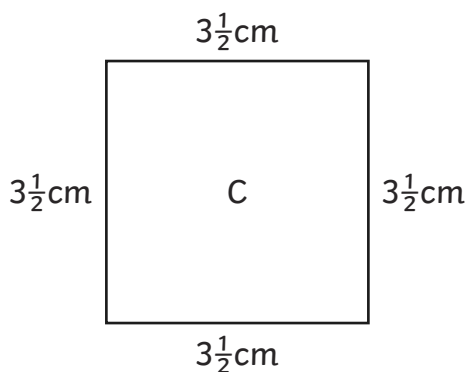
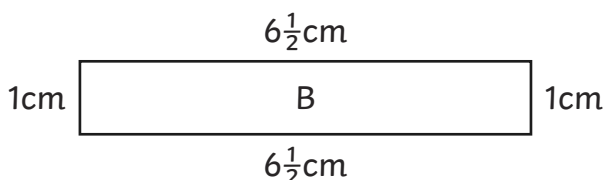
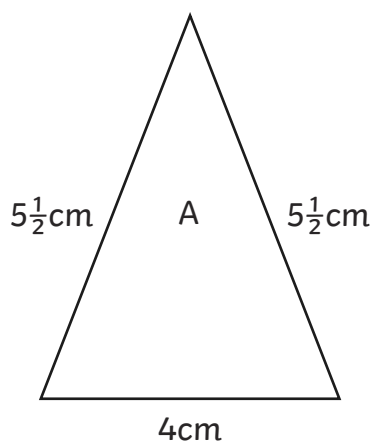


# Solving Perimeter Problems

I can solve problems involving perimeter.



- 1) Calculate the perimeter of these shapes.  
Which is the odd one out, and why?



Odd shape out: \_\_\_\_\_

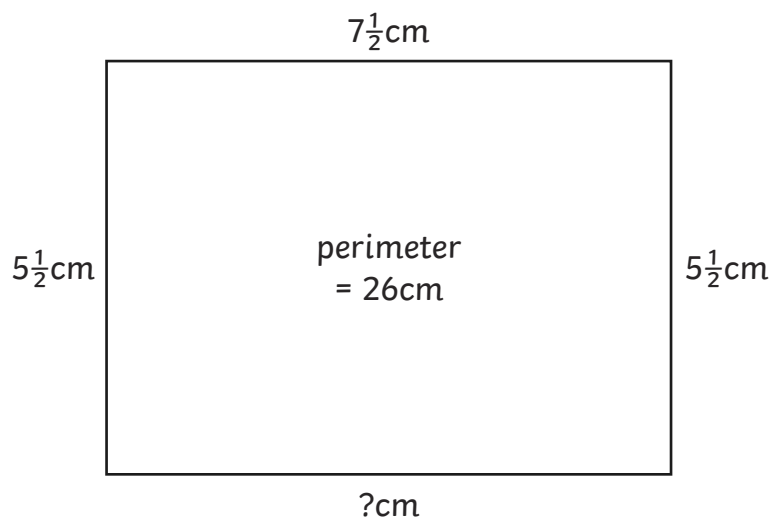
Reason: \_\_\_\_\_

\_\_\_\_\_

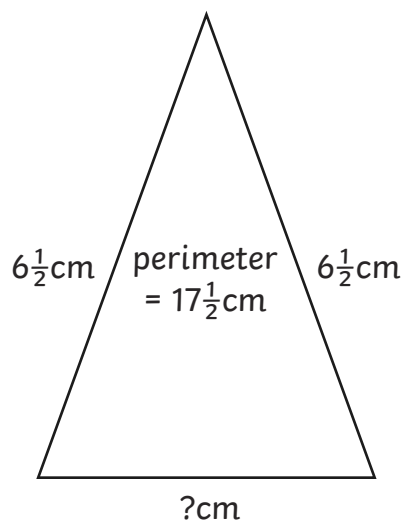


2) Calculate the length of the missing side.

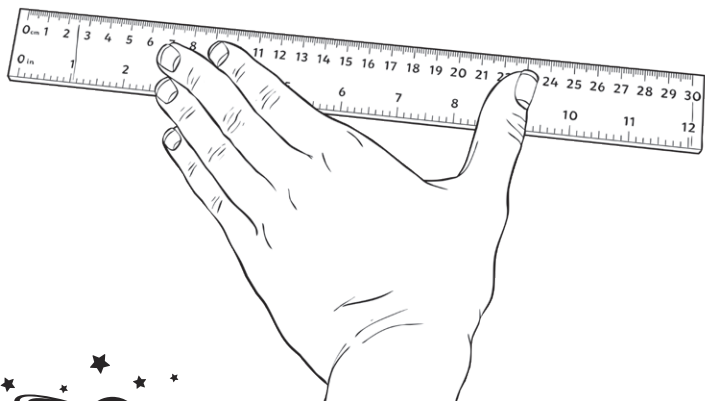
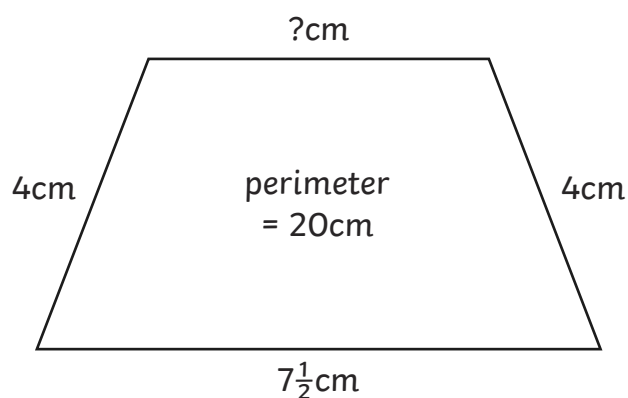
a) Missing side = \_\_\_\_\_ cm

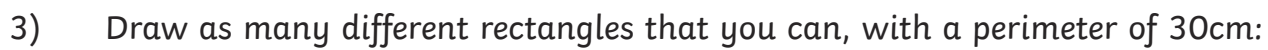


b) Missing side = \_\_\_\_\_ cm



c) Missing side = \_\_\_\_\_ cm



[illegible]



# Solving Perimeter Problems **Answers**

Question	Answer
1.	Calculate the perimeter of these shapes. Which is the odd one out, and why?
	Odd shape out: <i>Shape C</i>  Reason: <i>a sentence to show that Shape C has a perimeter of 14cm and all the other shapes have a perimeter of 15cm.</i>
2.	Calculate the length of the missing side.
	a. <i>7½cm</i>
	b. <i>4½cm</i>
	c. <i>4½cm</i>
3.	Draw as many different rectangles that you can, with a perimeter of 30cm:
	Rectangles drawn from the following dimensions: <i>14cm × 1cm; 13cm × 2cm; 12cm × 3cm; 11cm × 4cm; 10cm × 5cm; 9cm × 6cm; 8cm × 7cm</i>