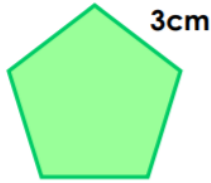


# White Challenge - Complete the perimeter challenges below.

4a. Complete the calculations to work out the perimeter of the regular pentagon.



Not drawn to scale

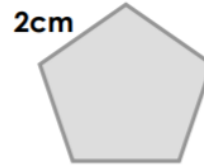
$$3\text{cm} + \square + \square + 3\text{cm} + \square = \square$$

$$3\text{cm} \times \square = \square$$



VF

4b. Complete the calculations to work out the perimeter of the regular pentagon.



Not drawn to scale

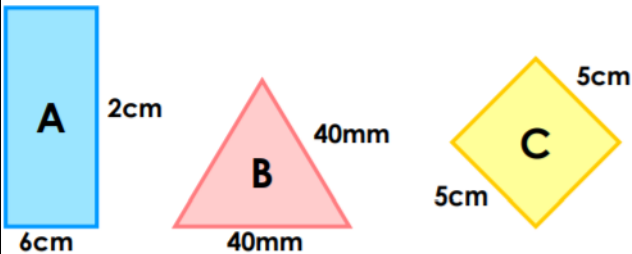
$$\square + 2\text{cm} + \square + 2\text{cm} + \square = \square$$

$$\square \times 5 = \square$$



VF

5a. Match the shapes to their perimeters.



- 20cm
- 120mm
- 16cm



Not drawn to scale

VF

5b. Match the shapes to their perimeters.



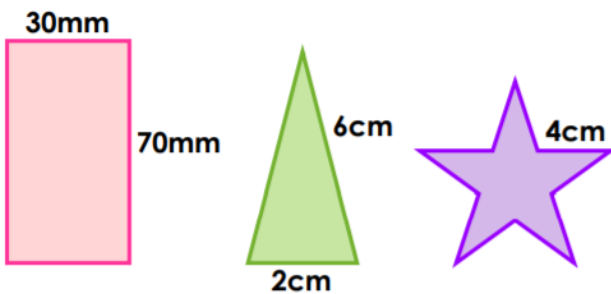
- 240mm
- 24cm
- 120mm



Not drawn to scale

VF

6a. Circle the calculation that does NOT find the perimeter of one of the shapes.



A.  $4\text{cm} \times 10$

B.  $6\text{cm} + 2\text{cm} + 6\text{cm}$

C.  $70\text{mm} + 70\text{mm} + 30\text{mm} + 30\text{mm}$

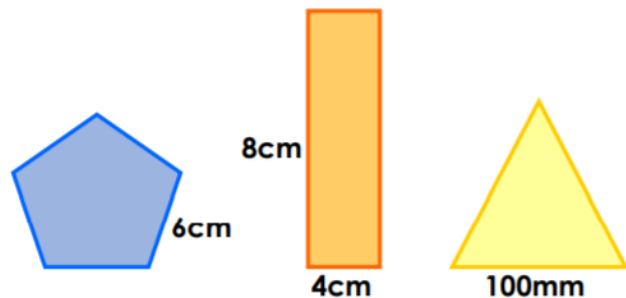
D.  $6\text{cm} \times 2\text{cm} \times 6\text{cm}$



Not drawn to scale

VF

6b. Circle the calculation that does NOT find the perimeter of one of the shapes.



A.  $8\text{cm} \times 4$

B.  $100\text{mm} + 100\text{mm} + 100\text{mm}$

C.  $8\text{cm} + 8\text{cm} + 4\text{cm} + 4\text{cm}$

D.  $6\text{cm} \times 5$



Not drawn to scale

VF

5a. True or false? Explain why.



I can find the perimeter of my rectangle by calculating  $4\text{cm} \times 5\text{cm}$  so it equals  $20\text{cm}$ .



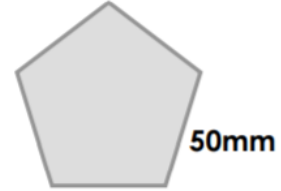
Not drawn to scale

R

5b. True or false? Explain why.



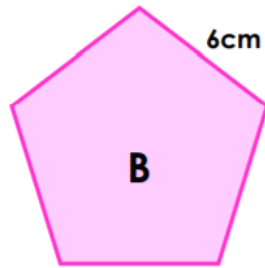
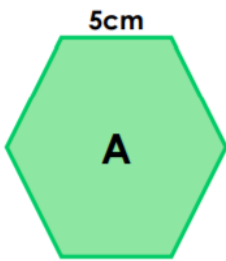
I can find the perimeter of my regular pentagon by calculating  $50\text{mm} \times 6$  so it equals  $300\text{mm}$ .



Not drawn to scale

R

6a. Look at the two regular shapes below. Calculate the perimeter of both shapes.



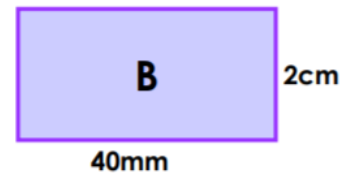
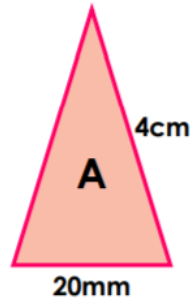
What is the same? What is different?



Not drawn to scale

R

6b. Look at the two shapes below. Calculate the perimeter of both shapes.



What is the same? What is different?



Not drawn to scale

R