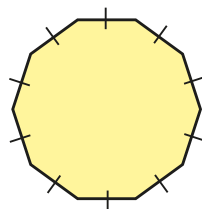
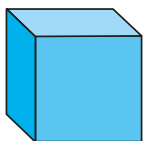
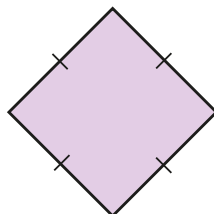
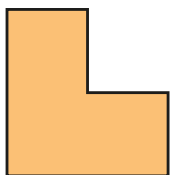
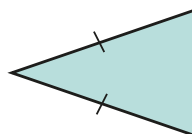
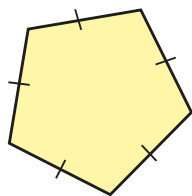
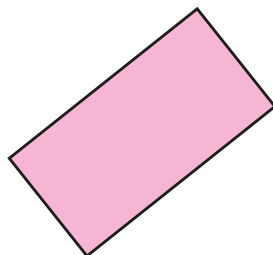
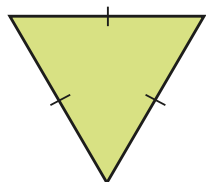


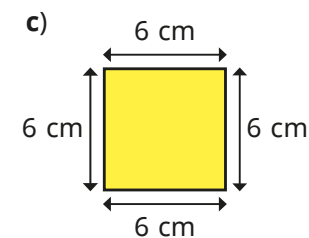
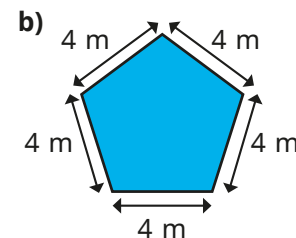
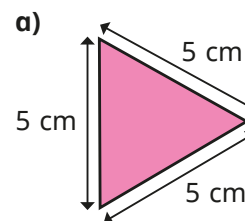
1 Which shapes are regular polygons?



Compare answers with a partner.



2 Work out the perimeter of each shape.

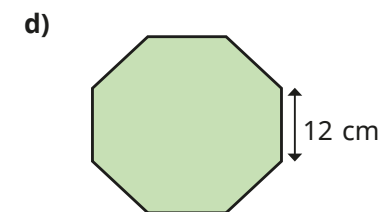
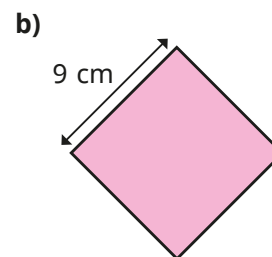
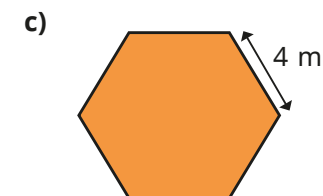
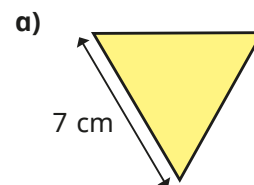


3 Sam has spotted a pattern.

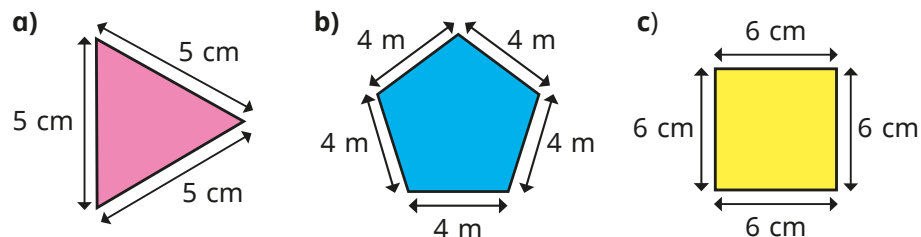


To find the perimeter of a regular polygon, I can just multiply the length of one side by the number of sides.

Use Sam's method to work out the perimeters of the regular polygons.



- 2 Work out the perimeter of each shape.

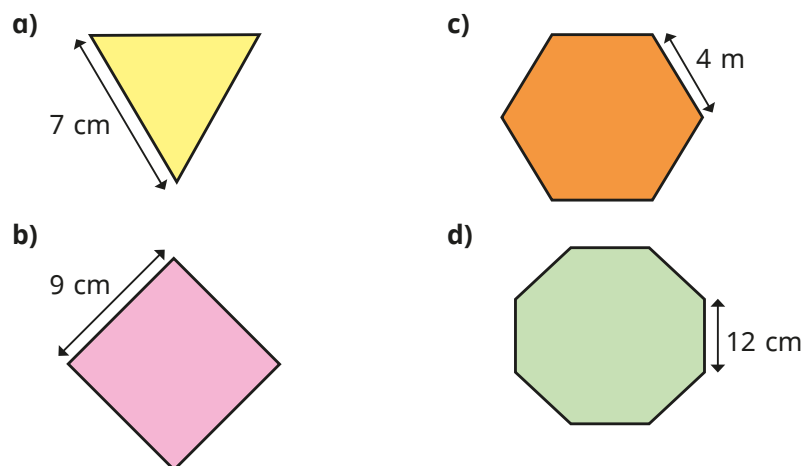


- 3 Sam has spotted a pattern.

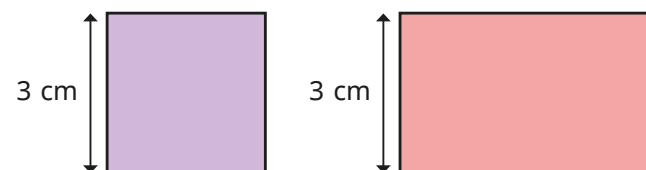


To find the perimeter of a regular polygon, I can just multiply the length of one side by the number of sides.

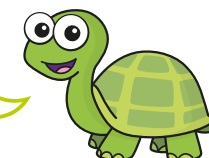
Use Sam's method to work out the perimeters of the regular polygons.



- 4 Tiny is working out the perimeters of the shapes.



These shapes have the same perimeter.



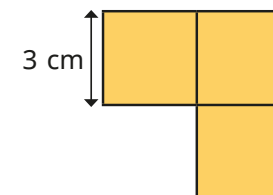
Do you agree with Tiny?

Talk about your answer with a partner.

- 5 The perimeter of a square is 28 cm.
What is the length of each side?

- 6 Ron makes this shape using squares.

- a) What is the perimeter of Ron's shape?



- b) Alex joins some of these equilateral triangles together.
Alex's and Ron's shapes have the same perimeter.

What could Alex's shape be?

