

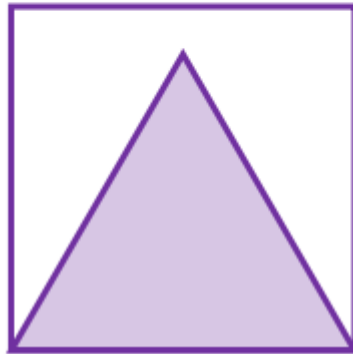
Tuesday 9th February 2021

Here is a square.

Inside the square is an equilateral triangle.

The perimeter of the square is 60 cm.

Find the perimeter of the triangle.



Eva

If I use 6 straws to make a triangle, I can only make an equilateral triangle.

Investigate whether Eva is correct.

Draw two more sides to create:

- An equilateral triangle
- A scalene triangle
- An isosceles triangle



Which is the hardest to draw?

Tuesday 9th February 2021 - Answers

The perimeter of the triangle is 45 cm.

Eva is correct. 2, 2, 2 is the only possible construction. 1, 1, 4 and 1, 2, 3 are not possible.

Children will draw a range of triangles. Get them to use a ruler to check their answers.

Equilateral will be difficult to draw accurately because the angle between the first two sides drawn, must be  $60^\circ$