

- Label each of these triangles: isosceles, scalene or equilateral.



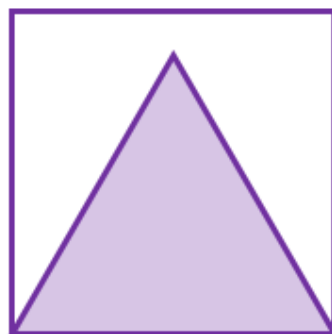
Are any of these triangles also right-angled?

- Look at these triangles.
What is the same and what is different?



- Using a ruler, draw:
- An isosceles triangle
 - A scalene triangle

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.





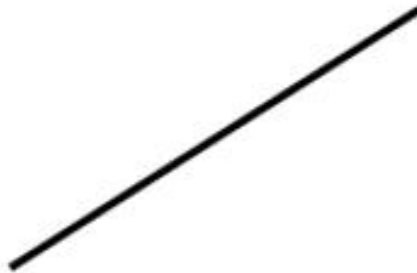
Eva

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

Investigate whether Eva is correct.

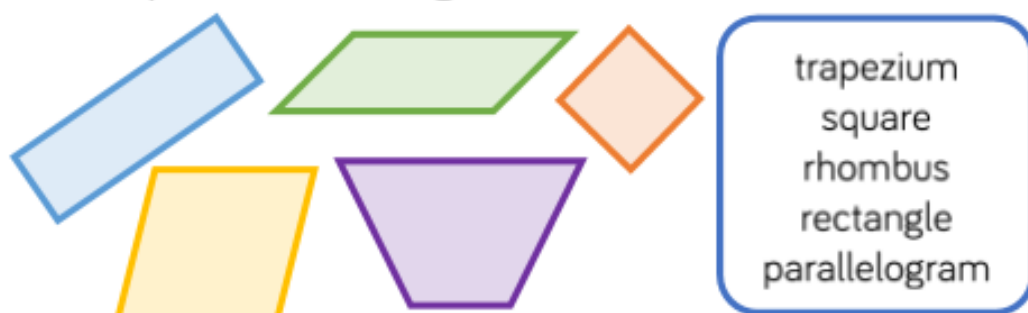
Draw two more sides to create:

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



Which is the hardest to draw?

- Label the quadrilaterals using the word bank.



- Use the criteria to describe the shapes.



four sides

2 pairs of parallel sides

four equal sides

polygon

1 pair of parallel sides

4 right angles

Which criteria can be used more than once?

Which shapes share the same criteria?

- Draw and label:

- a rhombus.
- a parallelogram.
- 3 different trapeziums

Complete each of the boxes in the table with a different quadrilateral.

	4 equal sides	2 pairs of equal sides	1 pair of parallel sides
4 right angles			
No right angles			

Which box cannot be completed?
Explain why.

You will need:

Some 4 centimetre straws

Some 6 centimetre straws

How many different quadrilaterals can you make using the straws?

Calculate the perimeter of each shape.