



All sorts of triangles

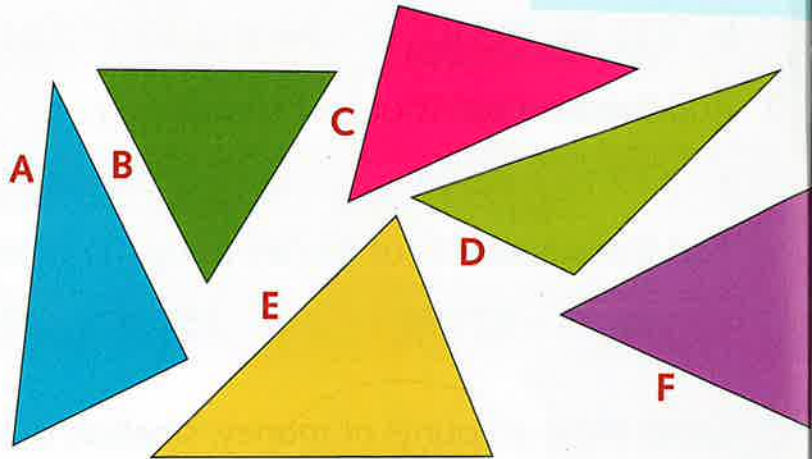
Use properties and sizes to compare and classify triangles

Challenges
1,2

Measure the sides of each triangle. Copy and complete the table by writing the letter of each triangle in the correct place.

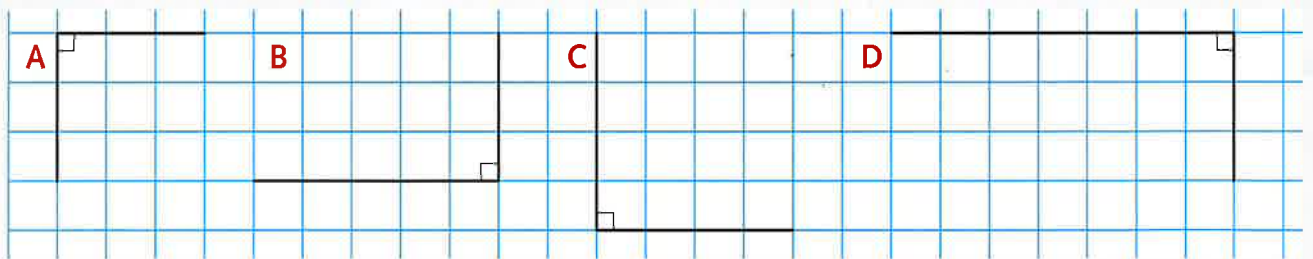
You will need:
• ruler

Equilateral Three sides equal	
Isosceles Two sides equal	
Scalene No sides equal	



Challenge
2

1 Copy these right angles on to squared paper.



- 2 Draw one more line to make a right-angled triangle.
- 3 Write the letters of the triangles which are right-angled and then the letters of the triangles that are isosceles.

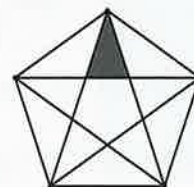
You will need:
• squared paper
• ruler

Challenge
3

How many different isosceles triangles can you find in a regular pentagon? Investigate.

Use Resource 54: Pentagons. For each pentagon:

- a draw the diagonals with your ruler
- b find an isosceles triangle and colour it in



You will need:
• Resource 54:
Pentagons
• ruler
• coloured pencil