Answers

Types of Triangles

1. scalene

2. isosceles

3. equilateral

4. isosceles

5. right angle

6. equilateral

7. right angle

8. scalene

Sorting Quadrilaterals

Rectangle
Angles: All angles are right angles.
Sides: Opposite sides are parallel. Opposite sides are equal length.
Symmetrical? Yes. Two lines of symmetry.

Parallelogram
Angles: Opposite angles are equal.
Sides: Opposite sides are parallel. Opposite sides are equal in length.
Symmetrical? Only if a square or a rectangle.

Square
Angles: All angles are right angles.
Sides: Opposite sides are parallel. All sides are equal length.
Symmetrical? Yes. Four lines of symmetry.

Trapezium
Angles: Angles add up to 360°.
Sides: One pair of opposite sides are parallel.
Symmetrical? Only if it is an isosceles trapezium (both angles at the end of parallel line are equal).

Rhombus
Angles: Opposite angles are equal.
Sides: All sides are equal length.
Symmetrical? Yes. Two lines of symmetry.

Kite
Angles: One pair of equal angles.
Sides: Two pairs of adjacent sides are equal in length.
Symmetrical? Yes. One line of symmetry.