Three-sided Shapes — Triangles

1) **EQUILATERAL Triangle**
   - 3 lines of symmetry.
   - Rotational symmetry order 3.

2) **RIGHT-ANGLED Triangle**
   - No symmetry unless the angles are 45°.

3) **ISOSCELES Triangle**
   - 1 line of symmetry.
   - No rotational symmetry.
   - 2 sides equal
   - 2 angles equal

Four-sided Shapes — Quadrilaterals

1) **SQUARE**
   - 4 lines of symmetry.
   - Rotational symmetry order 4.

2) **RECTANGLE**
   - 2 lines of symmetry.
   - Rotational symmetry order 2.

3) **RHOMBUS** (A square pushed over)
   - 2 lines of symmetry.
   - Rotational symmetry order 2.
   - It’s also a diamond

4) **PARALLELOGRAM**
   - NO lines of symmetry.
   - Rotational symmetry order 2.
   - (A rectangle pushed over — two pairs of parallel sides)

5) **TRAPEZIUM** (One pair of parallel sides)
   - Only the isosceles trapezium has a line of symmetry.
   - None have rotational symmetry.

6) **KITE**
   - 1 line of symmetry.
   - No rotational symmetry.