

Our Symmetry Definitions for Triangles and Quadrilaterals

1. Isosceles Triangle: A triangle with one line of symmetry.
2. Equilateral Triangle: A triangle with two lines of symmetry.
3. Parallelogram: A quadrilateral with 2-fold (180°) rotational symmetry.
4. Kite: A quadrilateral with one line of symmetry through opposite vertices.
5. Isosceles Trapezoid: A quadrilateral with a line of symmetry through midpoints of opposite sides.
6. Rhombus: A quadrilateral with two lines of symmetry passing through opposite vertices. (So a rhombus is a kite in two different ways.)
7. Rectangle: A quadrilateral with two lines of symmetry passing through interior points of the opposite sides. (So a rectangle is an isosceles trapezoid in two different ways.)
8. Square: A quadrilateral with four lines of symmetry: two passing through opposite vertices and two passing through midpoints of opposite sides.