Quadrilateral
1. A polygon with four sides.

Parallelogram
1. Both pairs of opposite sides are parallel.
2. Both pairs of opposite sides are congruent.
3. One pair of opposite sides are parallel and congruent.
4. Diagonals bisect each other.
5. Both pairs of opposite angles are congruent.
6. Consecutive angles are supplementary.

Kite
1. Both pairs of consecutive sides are congruent but opposite sides are not congruent.
2. Diagonals are perpendicular.
3. Exactly one pair of opposite angles are congruent.

Trapezoid
1. Exactly one pair of opposite sides are parallel.
2. Exactly two pairs of consecutive angles are supplementary.

Rectangle
1. All the properties of a parallelogram.
2. Has a right angle.
3. Diagonals are congruent.

Rhombus
1. All the properties of a parallelogram.
2. All sides are congruent.
3. Diagonals are perpendicular.
4. Diagonals bisect the opposite angles.

Right Kite
1. All the properties of a kite.
2. Has a right angle.

Isosceles Trapezoid
1. All the properties of a trapezoid.
2. Non-parallel sides are congruent.
3. Diagonals are congruent.
4. Base angles are congruent.

Right Trapezoid
1. All the properties of a trapezoid.
2. Has a right angle.

Square
1. All the properties of a parallelogram.
2. All the properties of a rectangle.
3. All the properties of a rhombus.