

# Quadrilateral

## Kite

1. 2 pair consecutive sides congruent
2. Diagonals perpendicular
3. 1 pair opposite angles congruent

## Trapezoid

1. Exactly 1 pair sides parallel (Def. trapezoid)

## Isosceles Trapezoid

1. Congruent legs (Def. isosceles trapezoid)
2. Congruent base angles
3. Diagonals congruent

## Parallelogram

1. Opposite sides parallel (Def. Ilgram)
2. Opposite sides congruent
3. Opposite angles congruent
4. Consecutive angles supplementary
5. Diagonals bisect each other

## Rectangle

1. All angles right angles (Def. rectangle)
2. Diagonals congruent

## Rhombus

1. All sides congruent (Def. rhombus)
2. Diagonals perpendicular
3. Diagonals bisect opposite angles
4. One pair of consecutive sides congruent

## Square

All of the above (Ilgram, Rectangle, Rhombus)