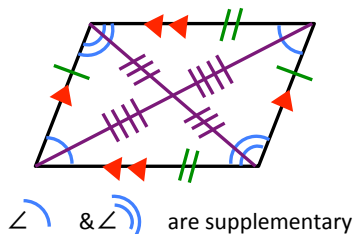# QUADRILATERALS
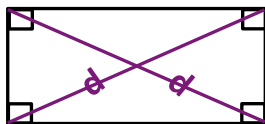
Parallelogram
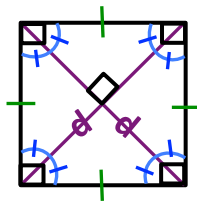
2 pairs of opposite sides are parallel
2 pairs of opposite sides are ≅
2 pairs of opposite ∠'s are ≅
Consecutive ∠'s are supplementary
Diagonals bisect each other

∠) &∠)) are supplementary

Rectangle

Diagonals are ≅
4 ≅ right ∠'s

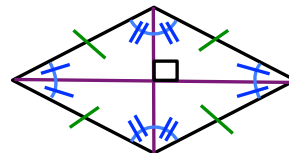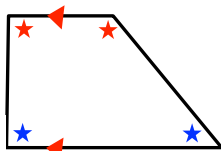### Square

Rhombus

Diagonals are ⊥
Diagonals bisect opposite ∠' s
4 ≅ sides

Trapezoid
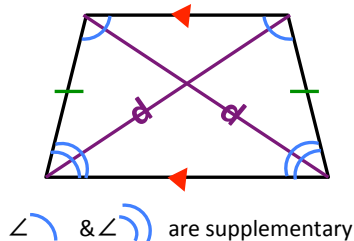
Exactly 1 pair of parallel sides
Consecutive ∠'s between bases are supplementary

∠★ &∠★ are supplementary

Isosceles Trapezoid

Exactly 1 pair of parallel sides
Both base ∠'s are ≅
Opposite ∠'s are supplementary
1 pair of ≅ legs
Diagonals are ≅

∠) &∠)) are supplementary

Kite

2 pairs of consecutive sides are ≅
1 pair of opposite ∠'s are ≅
1 pair of opposite ∠'s are bisected
Main diagonal is bisected
Diagonals are ⊥