Activity 8 - Quadrilateral Note Packet

**Video - Trapezoids**

**Isosceles Trapezoid**

1.) Base angles are congruent  
2.) each side has supplementary angles  
3.) diagonals are congruent but not bisected.

**NON -Isosceles Trapezoid**

1.) Base angles are congruent  
2.) each side has supplementary angles  
3.) diagonals are congruent but not bisected.

**examples**
video - Trapezoid midsegment

\[ ms = \frac{B + B}{2} \]

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\[ ms = \frac{B + B}{2} \]

\[ ms = \frac{B + B}{2} \]

Identification
Video - Parallelograms

1.) opposite sides are congruent
2.) opposite angles are congruent
3.) Any 2 adjacent angles add up to 180
4.) diagonals are congruent and bisect each other
5.) diagonals make alternate interior angles

examples

Identification
1.) All sides are equal
2.) diagonals are perpendicular and bisect each other
3.) when diagonals cross four congruent right triangles are made
4.) one diagonal creates 2 isosceles triangles