

<name>

Class: Honors Geometry

Date: <date>

Topic: Lesson 6-5 (Trapezoids and Kites)

Trapezoid defns. | ***Trapezoid bases:*** the \parallel sides of the trapezoid – there are 2 bases.
Trapezoid legs: the non- \parallel sides of the trapezoid – there are 2 legs.
Trapezoid base angles: the 2 \angle 's that share a base of a trapezoid – there are 2 pairs of base \angle 's .

Theorem 6-15 | The base \angle 's of an **isosceles trapezoid** are \cong .

Theorem 6-16 | The diagonals of an **isosceles trapezoid** are \cong .

Theorem 6-17 | The diagonals of a **kite** are \perp .