

Teacher / Team Name: Geometry Regular

Topic: Unit 6: Quadrilaterals (REG)

Days: 14

Subject(s): Math

Grade(s): 9th, 10th, 11th, 12th

**Key Learning: Properties of quadrilaterals will be recognized, compared, and applied.**



**Unit Essential Question(s): How are properties of quadrilaterals recognized, compared, and applied?**

<p><b>Concept:</b> <b>Angles of Polygons</b></p>	<p><b>Concept:</b> <b>Parallelograms</b></p>	<p><b>Concept:</b> <b>Special Quadrilaterals</b></p>
<p><b>Lesson Essential Question(s):</b> How do you find and use the sum of the measures of interior and exterior angles of a polygon? (A)</p>	<p><b>Lesson Essential Question(s):</b> How do you recognize and apply the properties of the sides, angles, and diagonals of parallelograms? (A)</p> <p>How can you determine whether or not a quadrilateral is a parallelogram? (A)</p>	<p><b>Lesson Essential Question(s):</b> How do you recognize and apply properties of rectangles? (A)</p> <p>How do you recognize and apply properties of rhombi and squares? (A)</p> <p>How do you recognize and apply properties of trapezoids and kites? (A)</p>
<p><b>Vocabulary:</b> diagonal</p>	<p><b>Vocabulary:</b> parallelogram</p>	<p><b>Vocabulary:</b> rectangle, rhombus, square, trapezoid, bases, legs of a trapezoid, base angles, isosceles trapezoids, midsegment of a trapezoid, kites</p>

**Additional Information:**  
Sections: 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7

**Attached Document(s):**

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Vocab Report for Topic: Unit 6: Quadrilaterals (REG)

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**Concept: Angles of Polygons**

diagonal -

**Concept: Parallelograms**

parallelogram -

**Concept: Special Quadrilaterals**

rectangle -

rhombus -

square -

trapezoid -

bases -

legs of a trapezoid -

base angles -

isosceles trapezoids -

midsegment of a trapezoid -

kites -