Unit 4 - Quadrilaterals

Concepts

Goals for unit 4!

* Discover the sum of the interior angles of a quadrilateral
* Know the characteristics of the special quadrilaterals
* Find the area and perimeter of each special quadrilateral

 Indentifying a quadrilateral by its

 characteristics such as:

 parallel sides

 side lengths

 angle measures

 diagonals

 Area and Perimeter

Day 1

Lesson 4-1

 Interior angles of quadrilaterals

 Review of the quadrilateral family tree

 Group quadrilateral research (internet)

 Assemble class information and discuss

 HW – Assignment 4-1

Day 2

 Quiz 3-1

 Lesson 3-2

 Area and Perimeter of triangles

HW – Assignment 3-2

Day 3

 Lesson 3-3

 Practice with Classification, potential triangles, area and perimeter

 Continue with Course review study guide

 HW –Assignment 3-3

Day 4

 Group Quiz 2-2

 Review of equation modeling

 Solving equations symbolically

HW – Solving equations practice

Day 5

 Lesson 3-4

 Squares and square roots

 Pythagorean theorem – finding the hypotenuse

 HW – Assignment 3-4

Day 6

 Quiz 3-3

Lesson 3-5

 Pythagorean theorem - Finding one of the legs of a right triangle

 Proving a triangle is a right triangle

 HW – Assignment 3-5

Day 7

 Pythagorean theorem and parking lots

 HW – Blog comment

Day 8

 Lesson 3-6

 Perimeter of triangles

 HW – Assignment 3-6

Day 9

 Lesson 3-7

 Area of triangles

 HW – Assignment 3-7

Day 10

 Concept practice and differentiation day

 Performance task

 HW – Finish practice test

Day 11

 Unit Test