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