Brainstorm your answers to the following.

- A) Given the coordinates of 3 points, how would you determine:
 - 1. What type of triangle you have (equilateral, isosceles, scalene)
 - 2. If it is a right triangle.
- B) Given the coordinates of 4 points, what is sufficient information to determine if the object is a:
 - 1. Parallelogram
 - 2. Rectangle
 - 3. Rhombus
 - 4. Square

Mar 4-10:12 PM

Classifying Geometric Figures

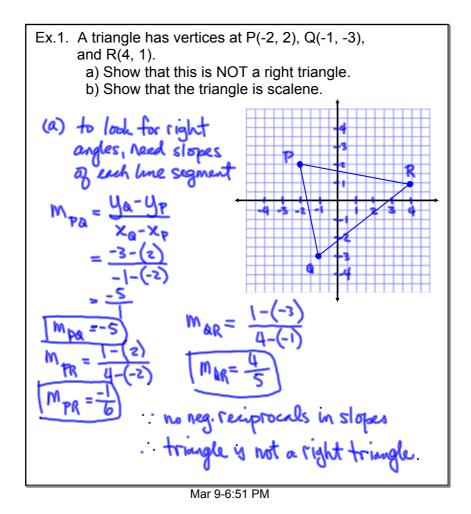
March 2/2011

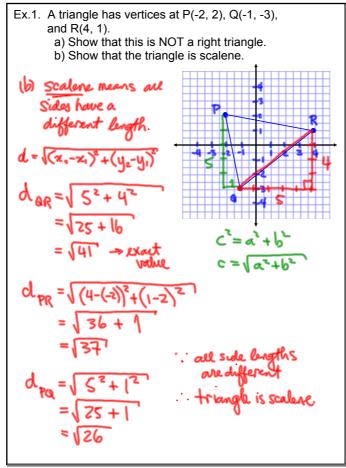
We are going to analyze some geometric theorems. To do this, we will use the following tools:

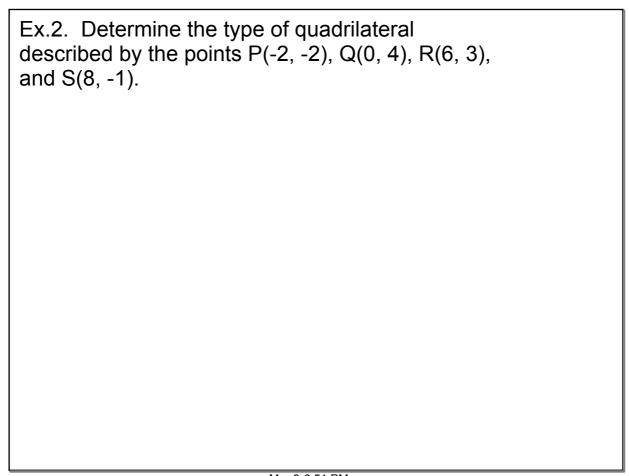
- slopes of parallel & perpendicular lines
- distance formula
- midpoint formula

NOTE:

When solving a problem involving a geometric figure, it is a good idea to start by drawing a diagram on a coordinate grid.







Mar 9-6:51 PM

