Geometry 1e: Right Angles in the Plane
Homework #5
*REMEMBER to do in Power Homework Format!!!

In 1 & 2, find the slope of the line perpendicular to the given line.

1. The slope of $\overline{GA}$ is -5

2. The slope of $\overline{BR}$ is $\frac{2}{3}$

3. What is the slope of a line that is perpendicular to the graph of $y = -\frac{7}{5}x + 3$?

4. A triangle is formed with vertices at *A(-7, -1)*, *B(-2, -3)*, and *C(2, 7)*. Is *ΔABC* a right triangle? If so, which vertex forms a right angle? Use slopes to justify your answer.