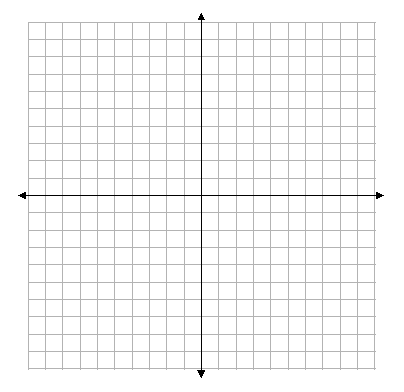
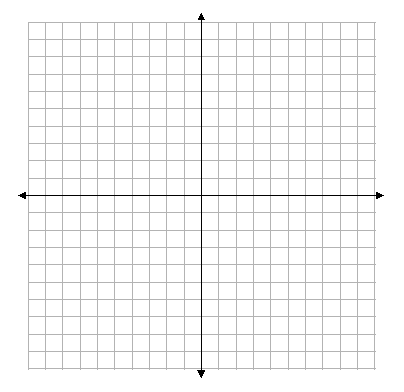
Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Quadratics REVIEW

1. Factor each of the following:
   1. b.

1. Solve by the method of completing the square. Leave the answer in radical form.
2. Solve using the quadratic formula. Round your answer to the nearest hundredth.
3. Write the equation of each of the parabola given the following information.
   1. vertex at (-5,-3) and a directrix at y = 3 b. focus at (6,2) and directrix at x = -4
4. Graph each of the following parabolas:
   1. b.



Vertex: Vertex:

Focus: Focus:

Directrix: Directrix:

1. An object is launched at meters per second from a meter tall platform. The equation for the object’s height s at time t seconds after launch is , where is in meter and is in seconds. What is the objects maximum height? When does the object strike the ground?