

Name _____

Date _____

Finding the Equation of a Parabola- Guided Lesson

Complete the following problems:

1) If the focus of a parabola is $(0, -2)$ and the directrix is $y = 2$, find the equation of parabola.

2) If the focus of a parabola is $(5, -1)$ and the directrix is $y = 3$, find the equation of parabola.

3) If the focus of a parabola is $(4, -4)$ and the directrix is $y = 6$, find the equation of parabola.

