

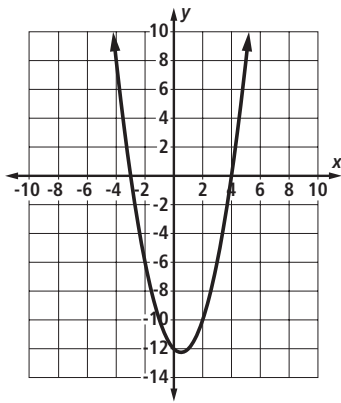
Name _____

12-3A Lesson Master

Questions on SPUR Objectives
See pages 773–775 for objectives.

REPRESENTATIONS Objective J

1. *True or false* $y = (x + 3)(x - 4)$ is the equation for the parabola graphed below.

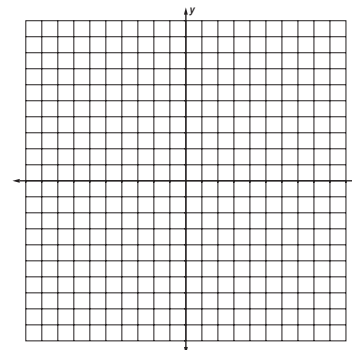
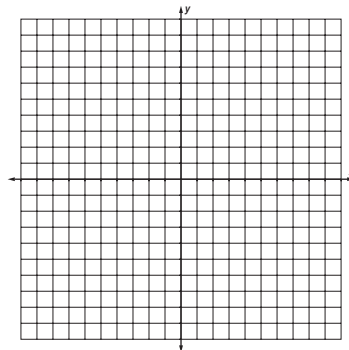
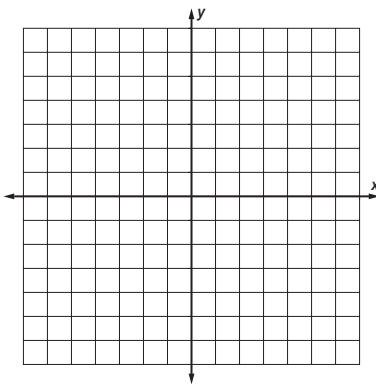


In 2-4, sketch the graph of the quadratic equation without a calculator.

2. $y = (x + 1)(x - 6)$

3. $y = -(x + 4)(x - 2)$

4. $y = 2(x - 3)^2$



In 5-7, match each equation to the correct graph without a calculator.

5. $y = \frac{1}{3}(x - 3)(x + 6)$

6. $y = -\frac{1}{2}(x - 3)(x + 6)$

7. $y = (x + 3)(x - 6)$

