

Name: _____ Date: _____ Per: _____

10.2- Setting up Tables to Graph $y = ax^2 + bx + c$

Practice 1

Find the vertex of the graph of the function. Make a table of values using x -values to the left and right of the vertex.

1. $y = x^2 - 10x + 3$

x					
y					

2. $y = -x^2 + 6x - 2$

x					
y					

3. $y = \frac{1}{2}x^2 - x + 7$

x					
y					

4. $y = \frac{1}{3}x^2 - 2x + 3$

x					
y					

5. $y = x^2 - 6x + 8$

x					
y					

6. $y = -x^2 + 12x - 5$

x					
y					

7. $y = 7x^2 + 14x + 2$

x					
y					

8. $y = -2x^2 - 4x + 1$

x					
y					

9. $y = \frac{1}{4}x^2 - 2x + 5$

x					
y					

10. $y = -\frac{5}{2}x^2 + 10x - 1$

x					
y					