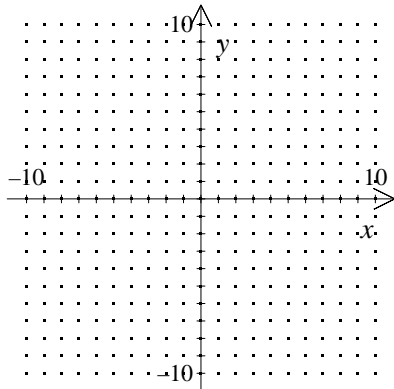


*P.I. A.G.4: Identify and graph linear, quadratic (parabolic), absolute value, and exponential functions*

1. Sketch the graph of the equation.

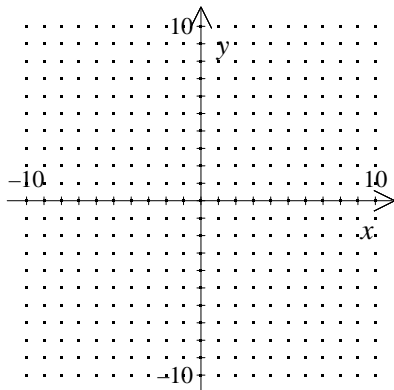
$$y = 7x^2$$



[1] \_\_\_\_\_

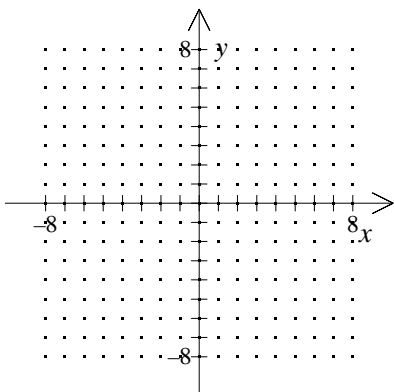
2. Sketch the graph of the equation.

$$y = 3x^2$$



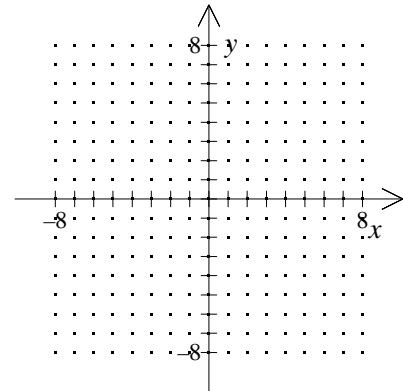
[2] \_\_\_\_\_

3. Graph the quadratic equation  $y = -\frac{1}{6}x^2$ .



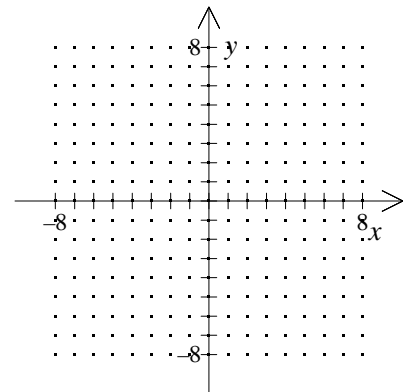
[3] \_\_\_\_\_

4. Graph the quadratic equation  $y = 0.4x^2$ .



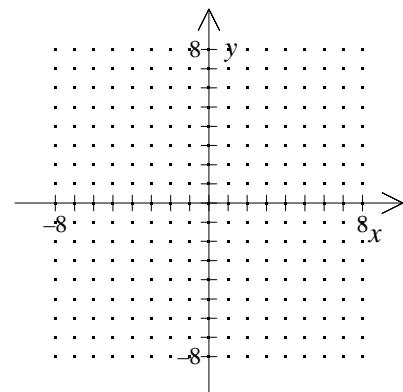
[4] \_\_\_\_\_

5. Graph the quadratic equation  $y = 3.5x^2 - 1.0$ .



[5] \_\_\_\_\_

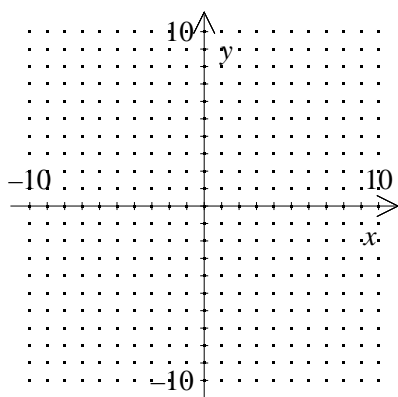
6. Graph the quadratic equation  $y = -2.0x^2 + 4.0$ .



[6] \_\_\_\_\_

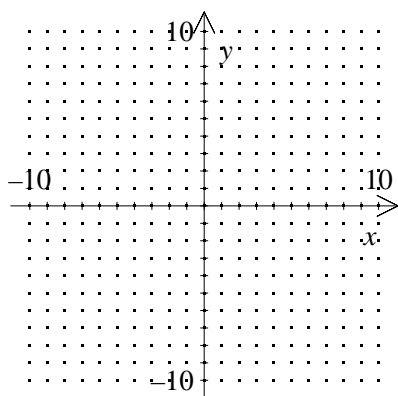
Graph:

7.  $y = 4x^2 - 8x$



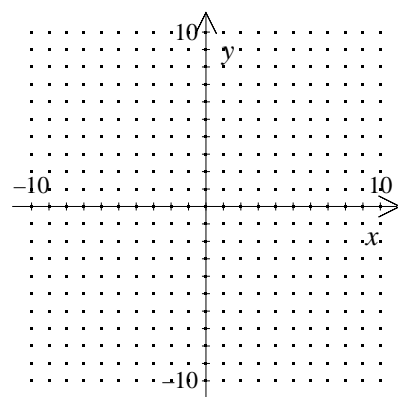
[7] \_\_\_\_\_

8.  $y = -3x^2 + 6x$



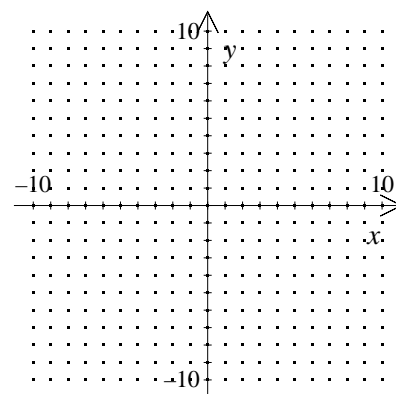
[8] \_\_\_\_\_

9.  $y = x^2 - 2x - 2$



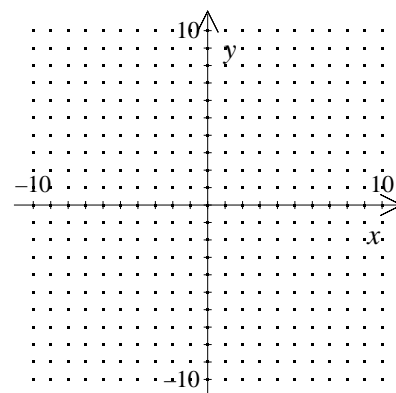
[9] \_\_\_\_\_

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



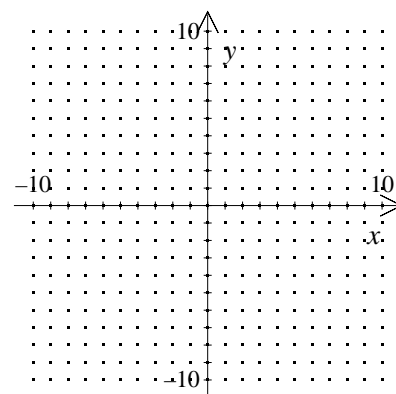
[10] \_\_\_\_\_

11.  $y = 3x^2 + 4x + 4$

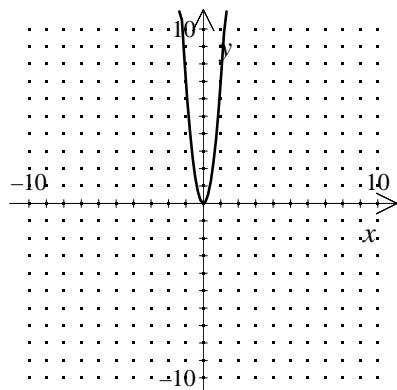


[11] \_\_\_\_\_

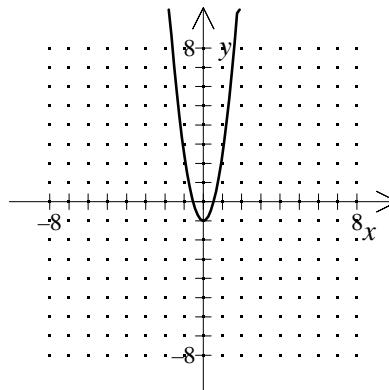
12.  $y = 4x^2 + x - 5$



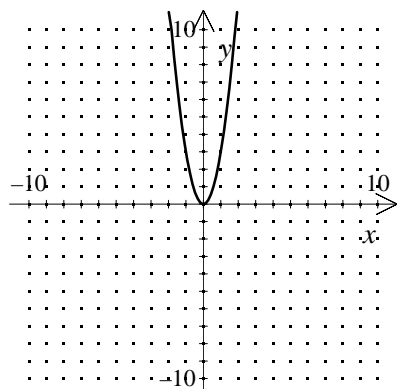
[12] \_\_\_\_\_



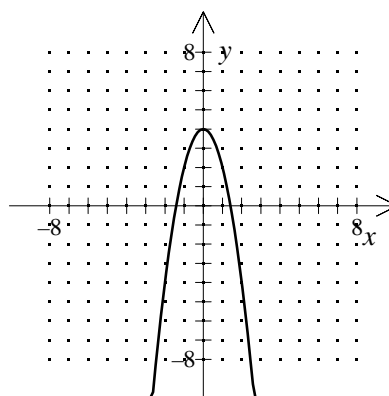
[1]



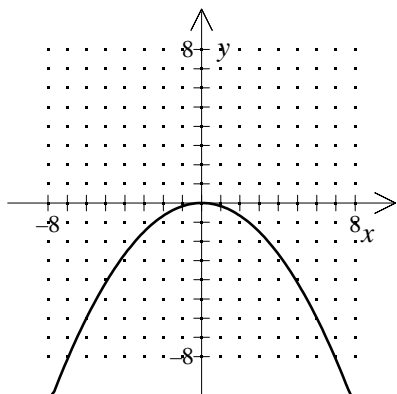
[5]



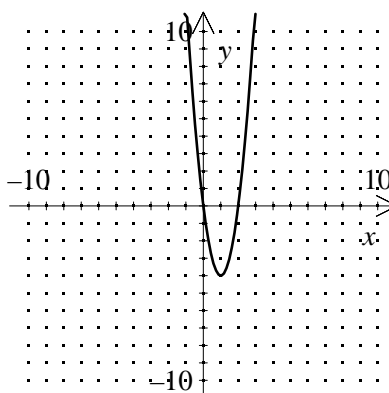
[2]



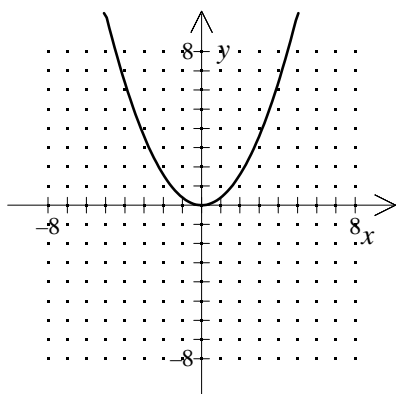
[6]



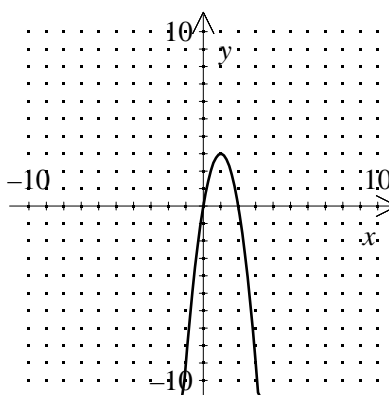
[3]



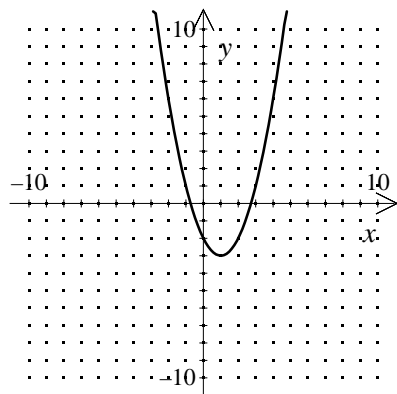
[7]



[4]

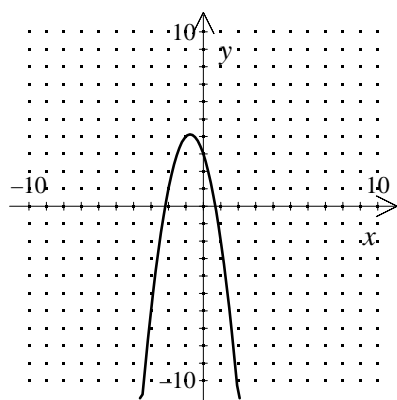


[8]



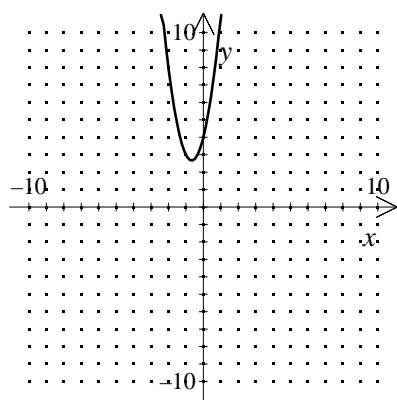
[9]

---



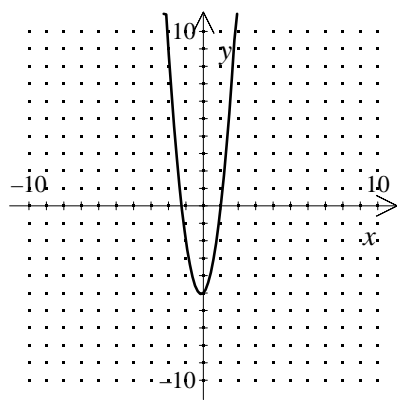
[10]

---



[11]

---



[12]

---