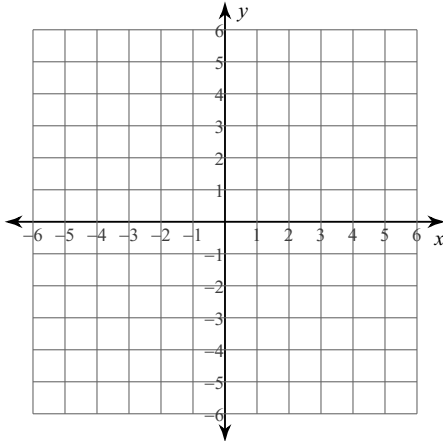


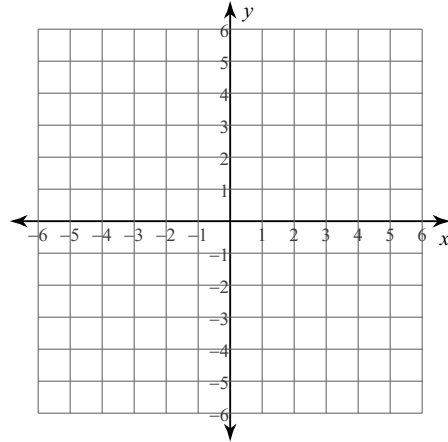
Task 6.1 Linear vs. Quadratic

Sketch the graph of each line.

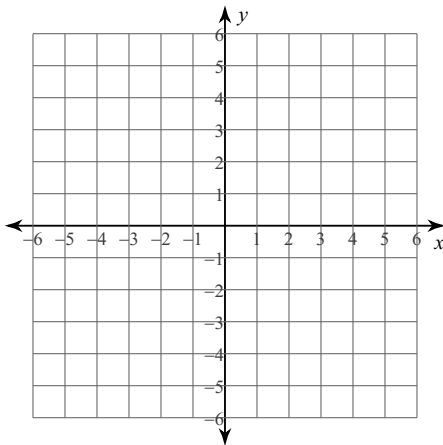
1)  $y = \frac{1}{4}x - 2$



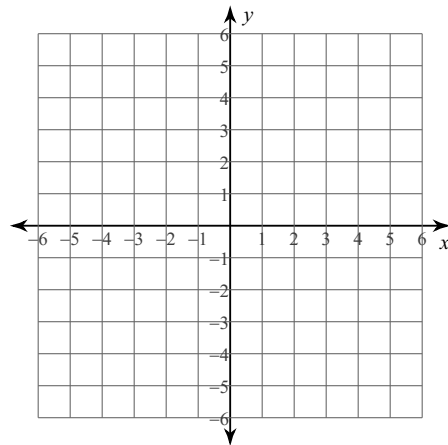
2)  $y = x - 4$



3)  $y = -\frac{1}{3}x - 1$

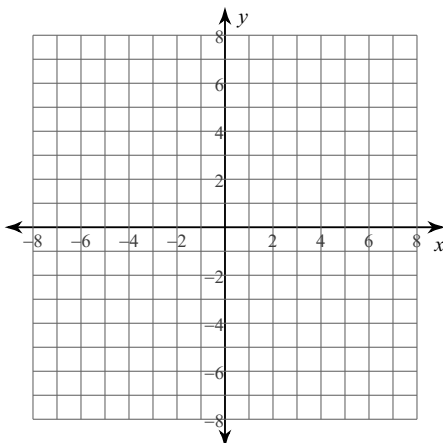


4)  $y = \frac{3}{4}x - 1$

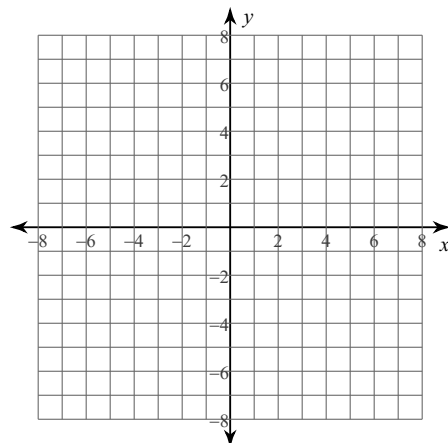


Graph each equation.

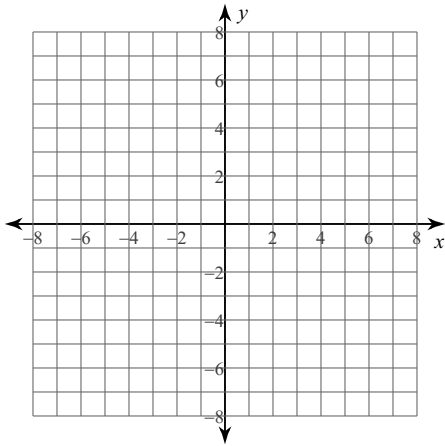
5)  $y = x^2$



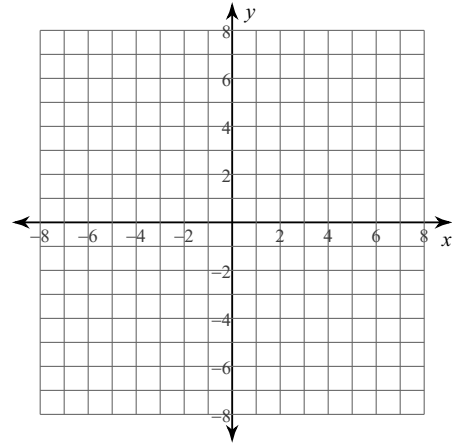
6)  $y = -x^2$



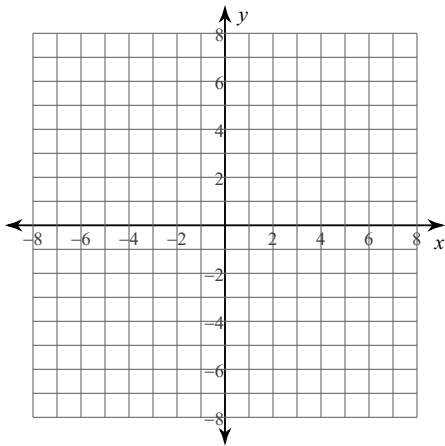
7)  $y = \frac{3}{4}x^2$



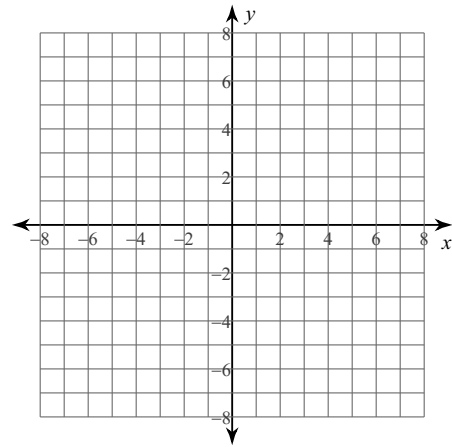
8)  $y = -2x^2$



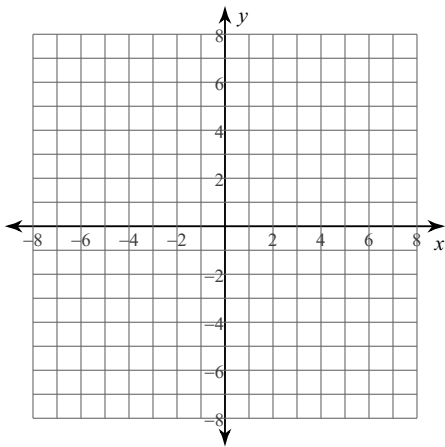
9)  $y = x^2 + 8x + 11$



10)  $y = \frac{1}{4}x^2 - x + 2$



11)  $y = -x^2 + 6x - 11$



12)  $y = x^2 - 12x + 30$

