1. \((4, -13)\)

2. \((-4, 23)\)

3. \((-1, 6)\)

4. \((-4, -9)\)

   The parabola opens upward.

   A. The x-intercept(s) is(are) \((-7, 0), (-1, 0)\).
      (Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)

   A. The y-intercept(s) is(are) \((0, 7)\).
      (Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)
5. (3,4)  
The parabola opens downward.  
A. The x-intercept(s) is(are) \((1,0),(5,0)\).  
(Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)  
A. The y-intercept(s) is(are) \((0,-5)\).  
(Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)

6. \(\left(\frac{2}{5},1\right)\)  
The parabola opens downward.  
A. The x-intercept(s) is(are) \(\left(\frac{1}{5},0\right),\left(\frac{3}{5},0\right)\).  
(Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)  
A. The y-intercept(s) is(are) \((0,-3)\).  
(Simplify your answer. Type an ordered pair. Use a comma to separate answers as needed.)
7. 

(8,2)  
\[ x = 8 \]

8. 

\[ \left( -\frac{1}{2}, -2 \right) \]  
\[ x = -\frac{1}{2} \]
9. 

\[ x = -3 \]

\((-3,2)\)

10. \((0,6)\)