Graphing Parabolas

$$y = ax^2 + bx + c$$

Graph by x-y chart
1. **Solve for y**
2. **Pick convenient values of x**
3. **Find corresponding values of y**
4. **Plot points**
5. **Connect the points**

Graph: $y = x^2 - 2x - 8$

Graph: $y = x^2 + 2x - 15$