

**Graph. Find the vertex and the  $y$ -intercept. In addition, find the  $x$ -intercepts if they exist.**

23.  $f(x) = x^2 - 2x - 8$

24.  $f(x) = x^2 - 4x - 5$

25.  $f(x) = -x^2 + 4x + 12$

26.  $f(x) = -x^2 - 2x + 15$

27.  $f(x) = x^2 - 10x$