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

LIVEWORKSHEETS