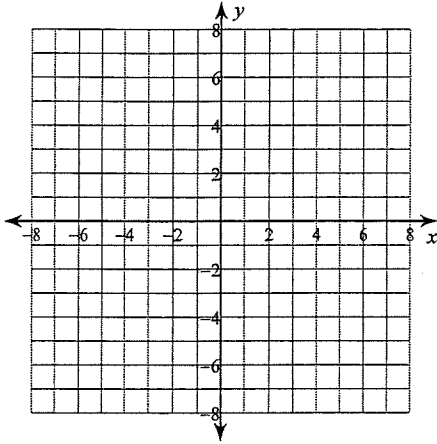


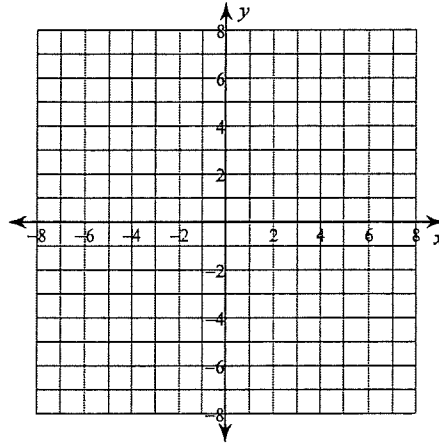
Quadratics in Standard form

Identify the vertex, axis of symmetry, and min/max value of each. Then sketch the graph.

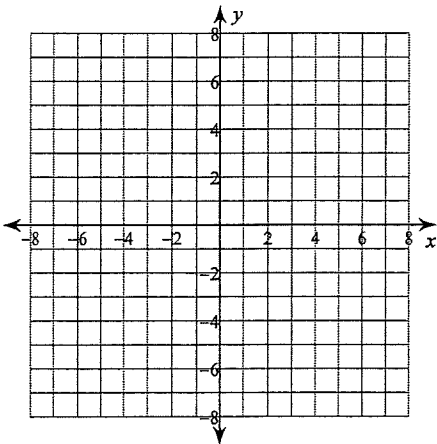
1) $y = -\frac{1}{4}x^2 - \frac{3}{2}x + \frac{11}{4}$



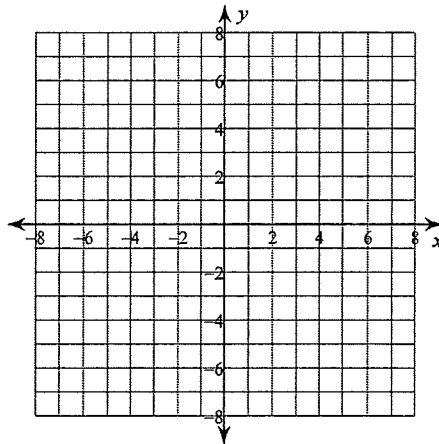
2) $y = x^2 - 10x + 22$



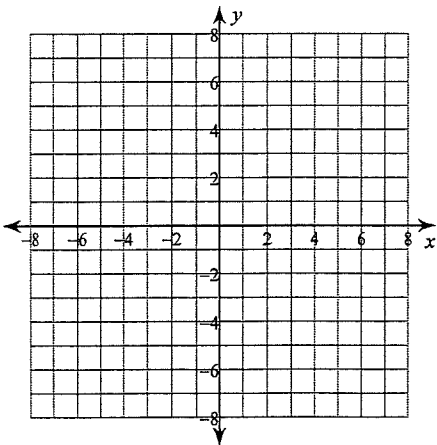
3) $y = x^2 - 3$



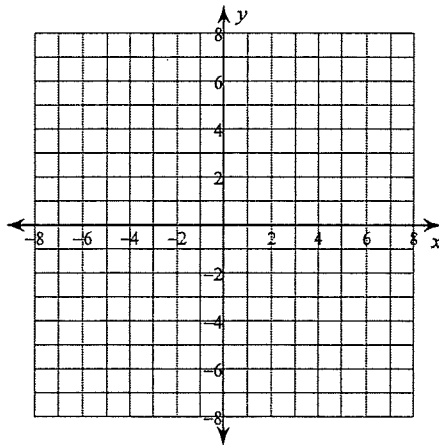
4) $y = -2x^2 - 20x - 54$



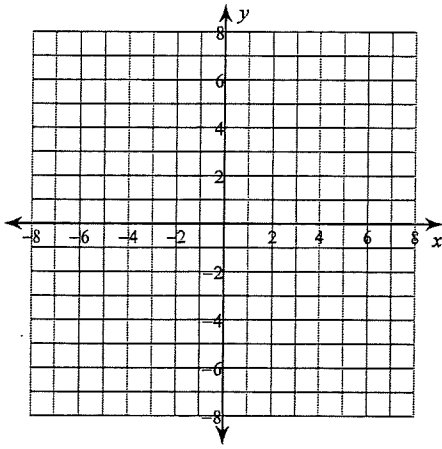
5) $y = -x^2 - 2x + 3$



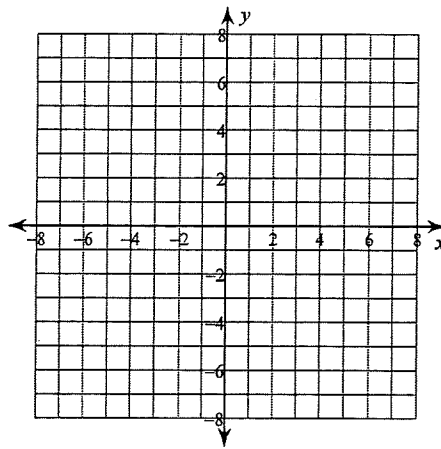
6) $y = -x^2 - 10x - 31$



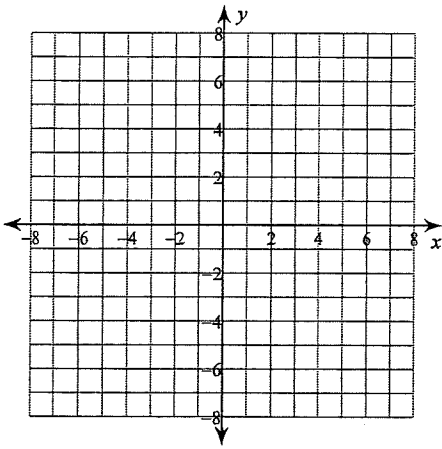
7) $y = -x^2 + 12x - 35$



8) $y = 2x^2 - 24x + 72$



9) $y = \frac{1}{4}x^2 - \frac{5}{2}x + \frac{25}{4}$



10) $y = -x^2 + 6x - 12$

