

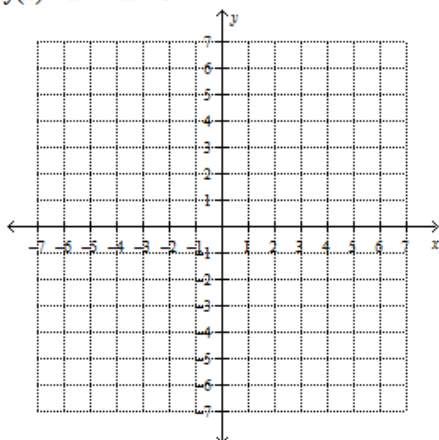
Name: _____ Class: _____ Date: _____

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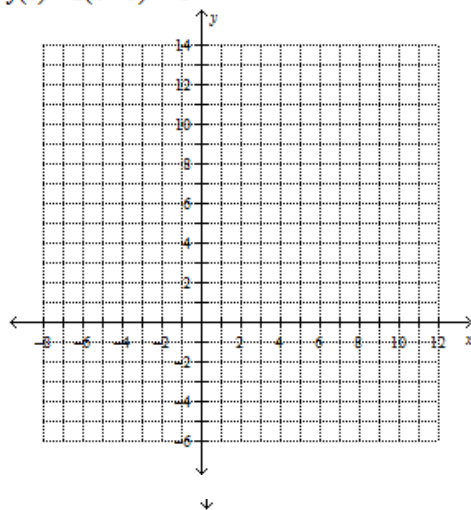
The Parabola Station

Identify the form of the parabola. Then find the vertex and 3 points on either side of the vertex. Then sketch the graph.

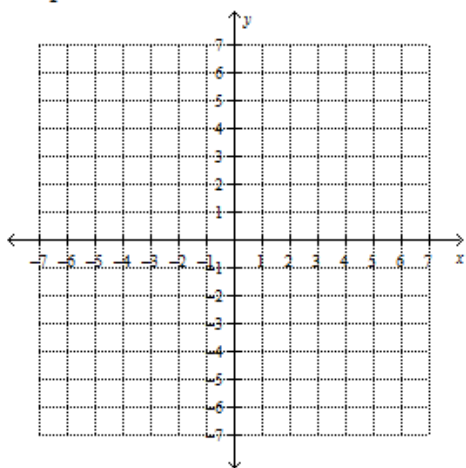
1. $f(x) = x^2 - 4x + 3$



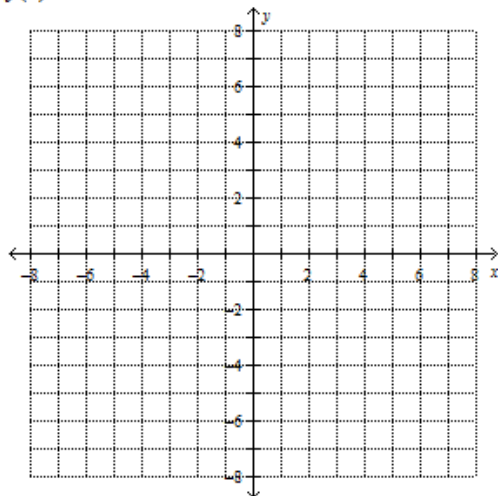
3. $f(x) = 2(x-3)^2 - 5$



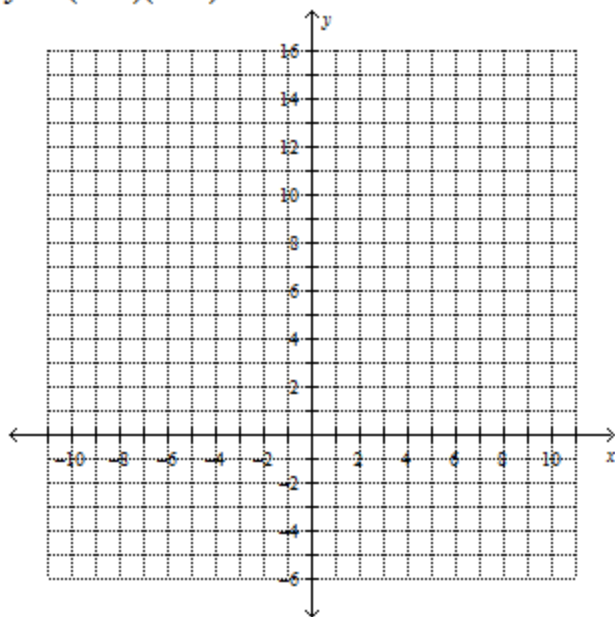
2. $y = \frac{1}{2}(x+1)^2 - 3$



4. $f(x) = -x^2 + 6x + 4$



5. $y = 2(x-3)(x-1)$



6. $y = -2x^2 + 6$

[Watch out! The y-axis was renumbered!]

