

Name: Chimber W

Class: _____ Date: _____

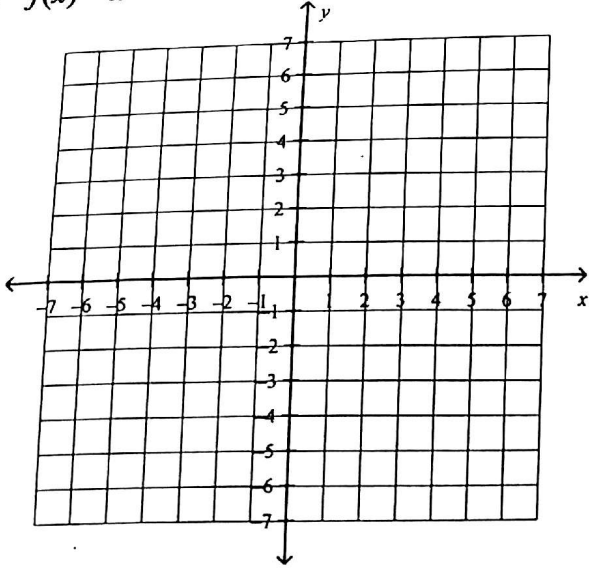
ID: A

The Parabola Station

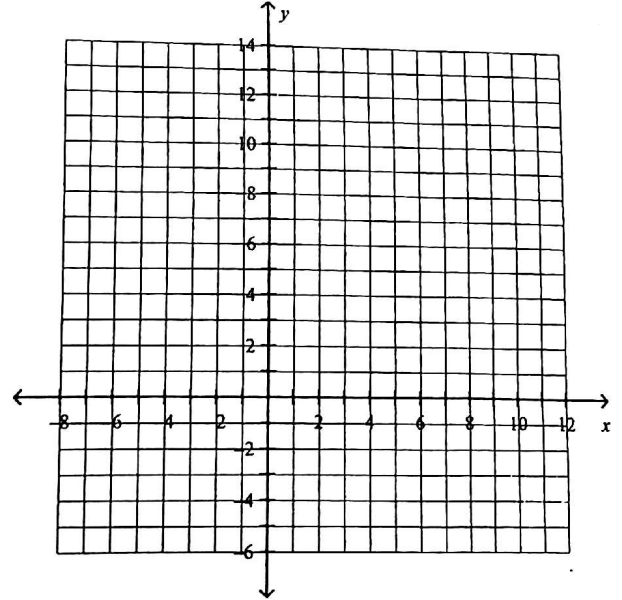


Identify the form of the parabola. Then find the vertex and 3 points on either side of the vertex. Then sketch the graph.

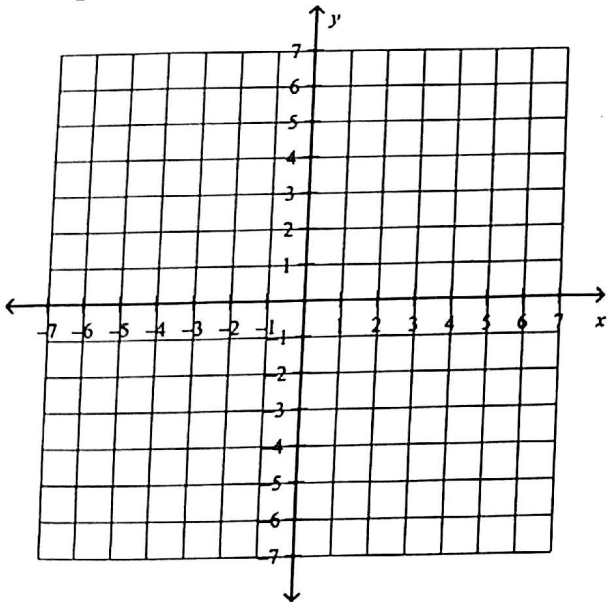
1. $f(x) = x^2 - 4x + 3$



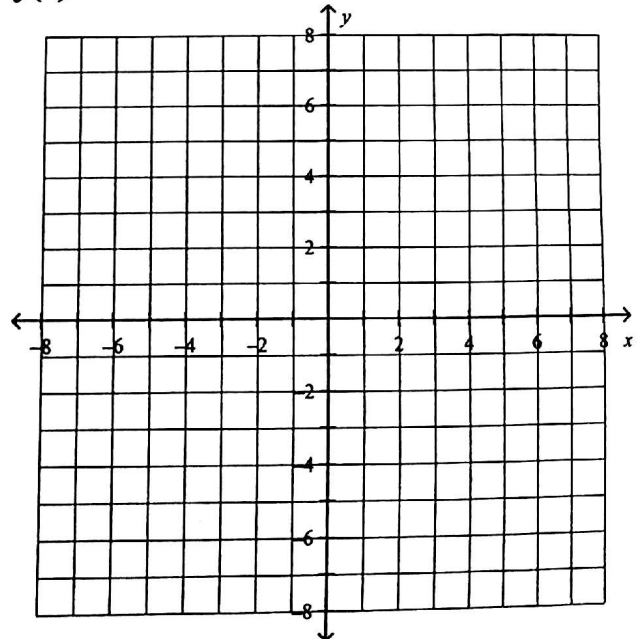
3. $f(x) = 2(x - 3)^2 - 5$



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

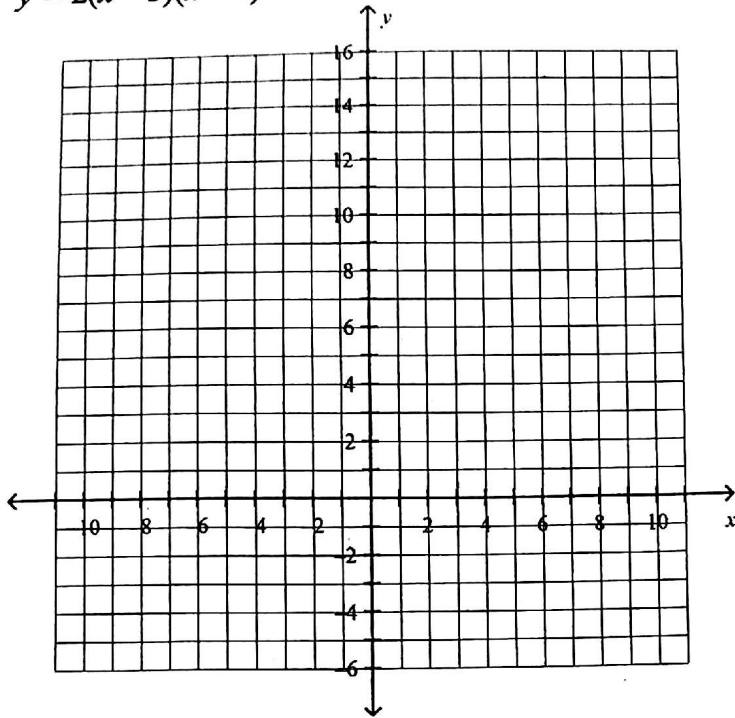


4. $f(x) = -x^2 + 6x + 4$



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



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

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

