

Day 2: Graphing Quadratics Review

Date _____

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We have learned to graph quadratics in 3 different forms. . . We will review today how to graph each form.

1) Factored Form: $y = A(x - r)(x - s)$

1.

2.

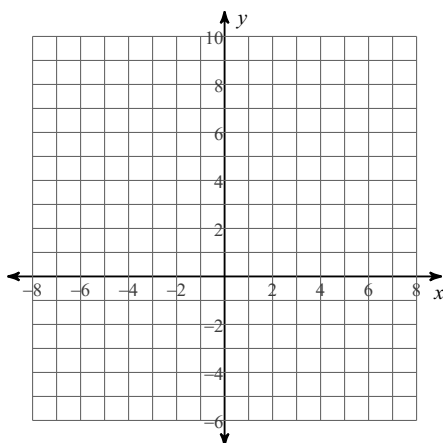
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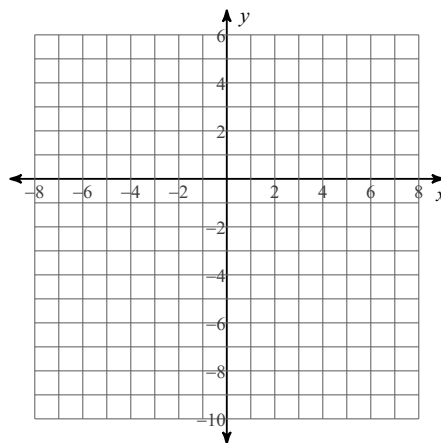
5.

List all key features and graph the quadratic.

2) $f(x) = -\frac{1}{2}(x - 4)(x + 4)$



3) $y = 2(x - 3)(x + 1)$



4) Standard Form: $y = Ax^2 + Bx + C$

1.

2.

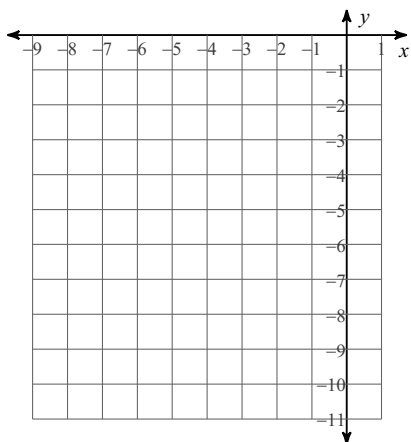
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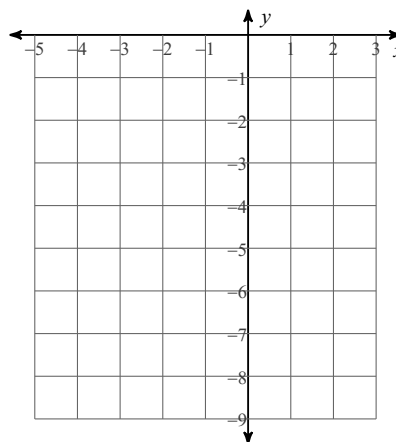
5.

List all key features and graph the quadratic.

5) $y = -2x^2 - 12x - 20$



6) $f(x) = -x^2 - 2x - 5$



7) Vertex Form: $y = A(x - h)^2 + k$

1.

2.

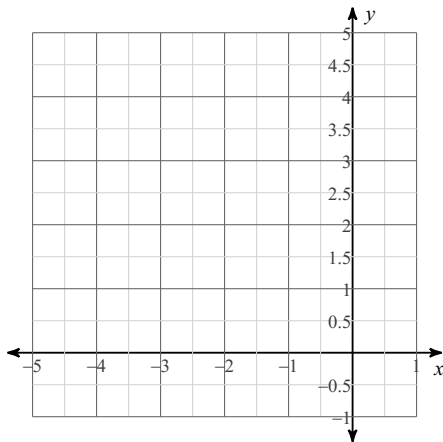
3.

4.

5.

List all key features and graph the quadratic.

8) $y = -(x + 2)^2 + 4$



9) $f(x) = 2(x + 2)^2 - 4$

