

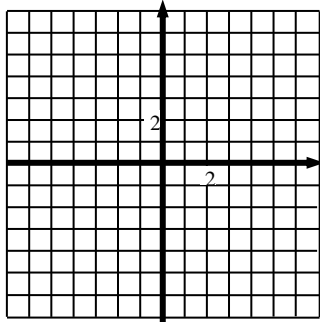
Quadratics - Day 3
Assignment

Name _____
Date _____ Per. _____

Graph the quadratic function in y_1 of your calculator. Then complete the table and sketch the graph of the function.

1. $f(x) = 4x^2 - 9$

x	y



Vertex _____ Maximum or Minimum point? _____

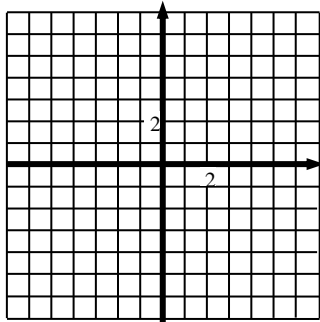
Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

Domain _____ Range _____

2. $f(x) = -\frac{1}{4}x^2 + x + 8$

x	y



Vertex _____ Maximum or Minimum point? _____

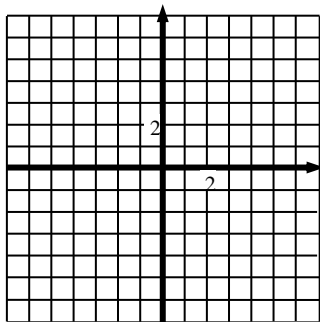
Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

Domain _____ Range _____

3. $f(x) = x^2 - x - 6$

x	y



Vertex _____ Maximum or Minimum point? _____

Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

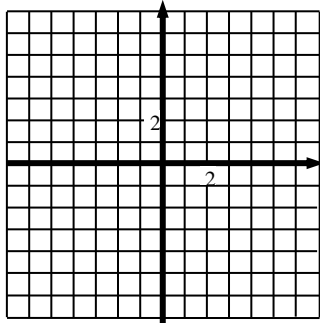
Domain _____ Range _____

Quadratics - Day 3
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Name _____
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4. $f(x) = 2x^2 - 4x - 16$

x	y



Vertex _____ Maximum or Minimum point? _____

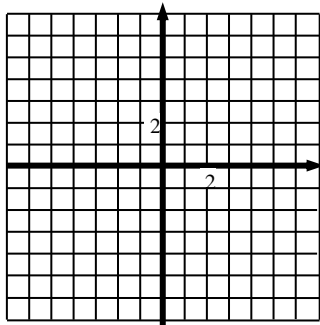
Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

Domain _____ Range _____

5. $f(x) = -2x^2 + 5x + 7$

x	y



Vertex _____ Maximum or Minimum point? _____

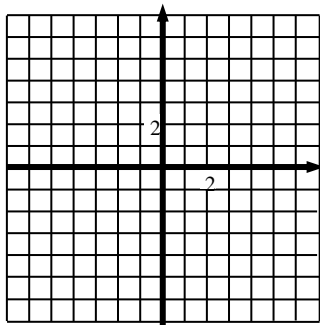
Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

Domain _____ Range _____

6. $f(x) = x^2 + 9x + 14$

x	y



Vertex _____ Maximum or Minimum point? _____

Equation of the Line of Symmetry _____

x-intercepts (or roots) _____

Domain _____ Range _____