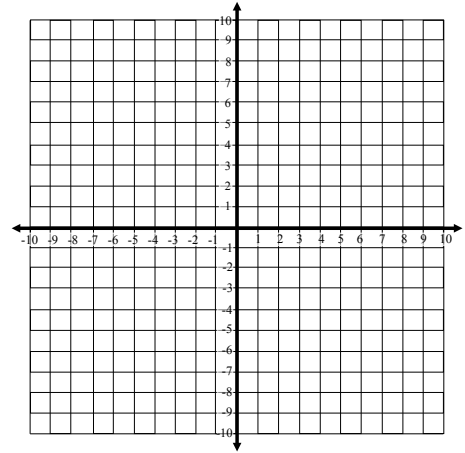


Name: _____

Solving Quadratics Practice

Use whatever method you prefer (quadratic formula, completing the square, writing the problem in vertex form, or factoring) to solve the quadratic and then to graph it.

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

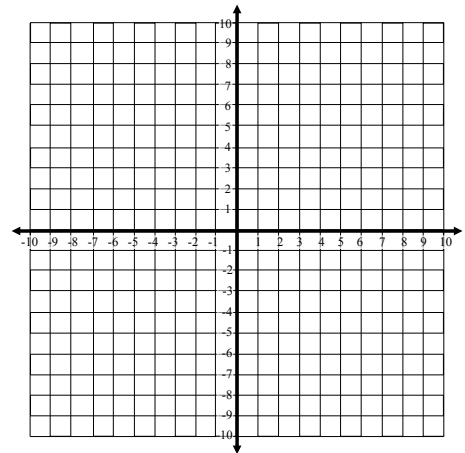


Vertex:

Zeros:

y-int:

2. $f(x) = 4x^2 - 16x + 16$

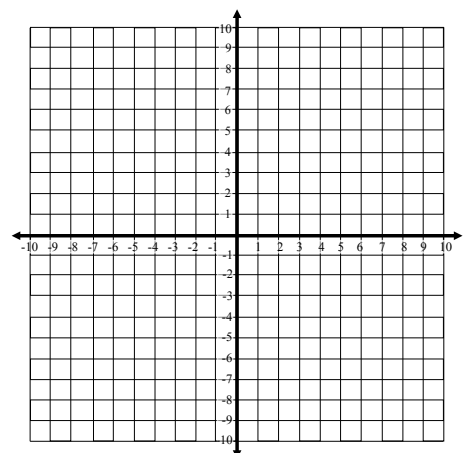


Vertex:

Zeros:

y-int:

3. $f(x) = x^2 + 10x + 26$

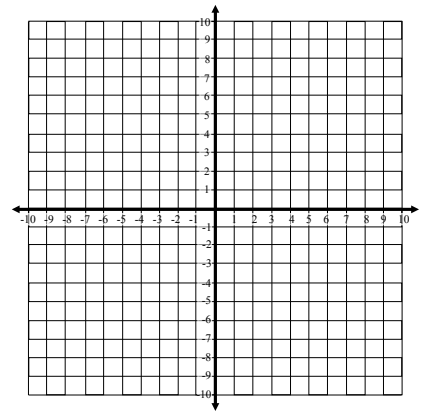


Vertex:

Zeros:

y-int:

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

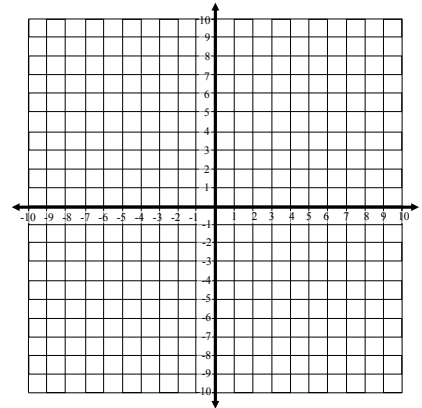


Vertex:

Zeros:

y-int:

5. $f(x) = 3x^2 + 12x + 3$

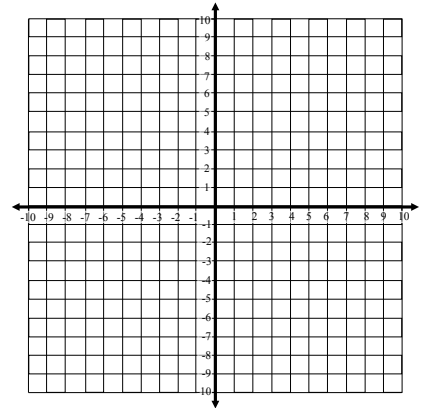


Vertex:

Zeros:

y-int:

6. $f(x) = x^2 + 14x + 49$

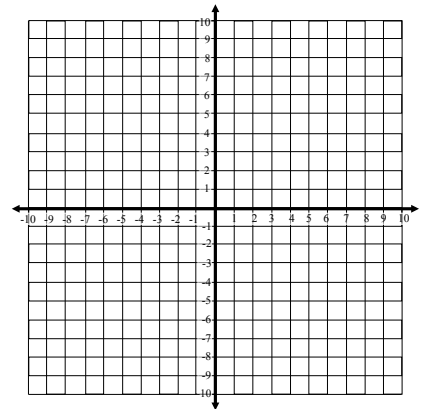


Vertex:

Zeros:

y-int:

7. $f(x) = 2x^2 + 8x$

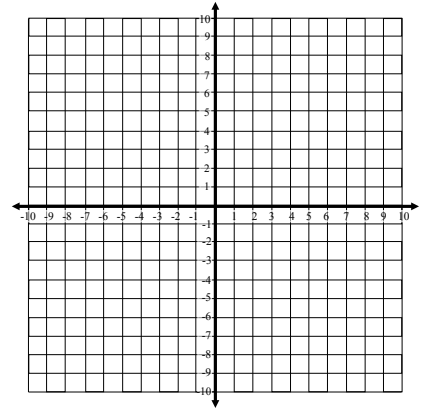


Vertex:

Zeros:

y-int:

8. $f(x) = -3x^2 - 6x + 1$

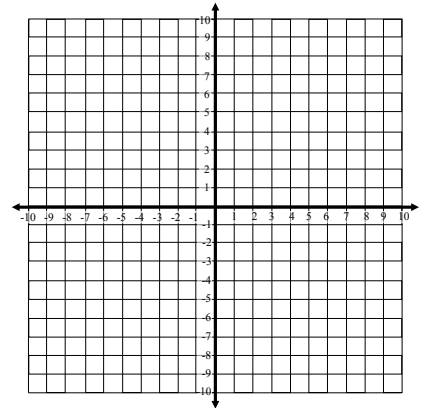


Vertex:

Zeros:

y-int:

9. $f(x) = 3x^2 - 18x + 24$

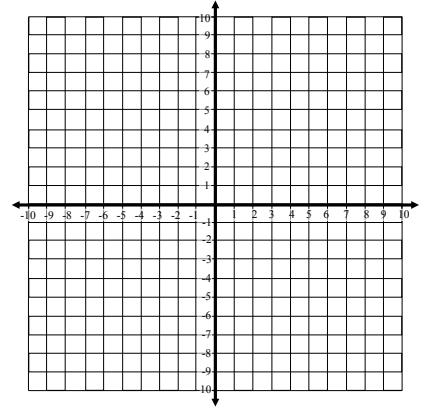


Vertex:

Zeros:

y-int:

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

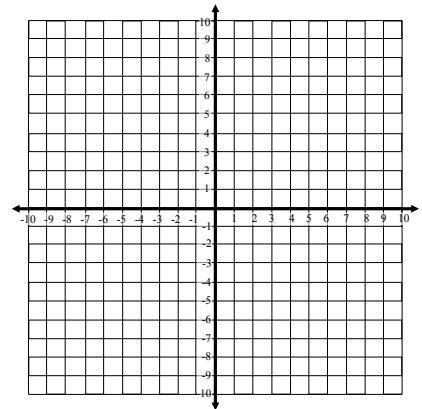


Vertex:

Zeros:

y-int:

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

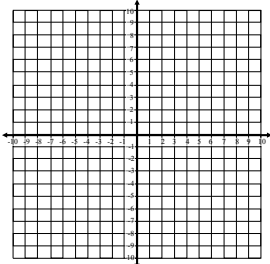
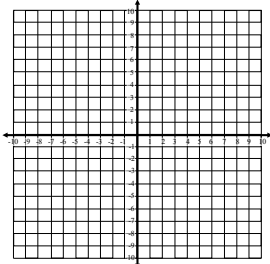
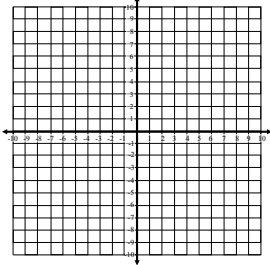
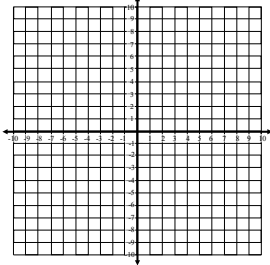
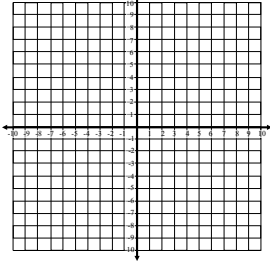
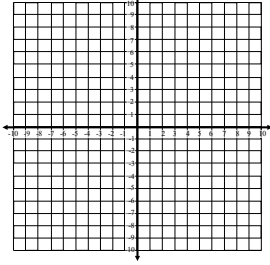
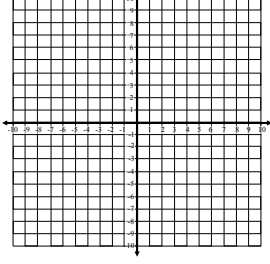
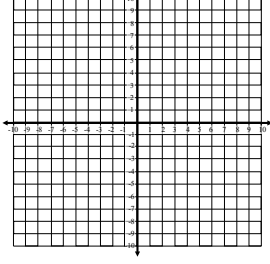
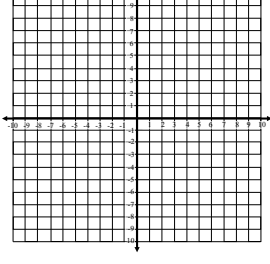
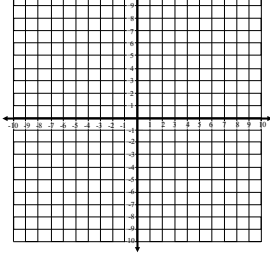


Vertex:

Zeros:

y-int:

Solving Quadratics Part 1 *Answers*

<p>1. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>		<p>2. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	
<p>3. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>		<p>4. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	
<p>5. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>		<p>6. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	
<p>7. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>		<p>8. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	
<p>9. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>		<p>10. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	
<p>11. Vertex:</p> <p>Solutions:</p> <p>y-int:</p>	