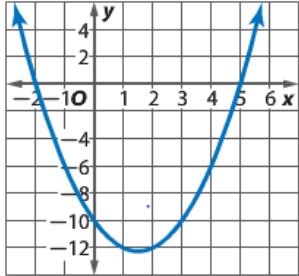
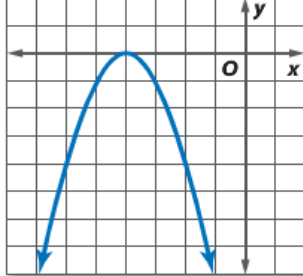
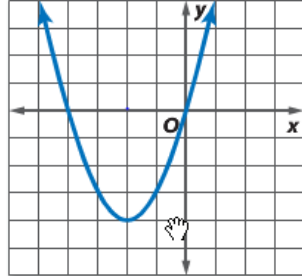


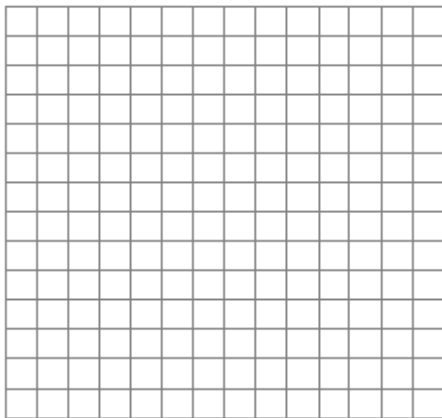
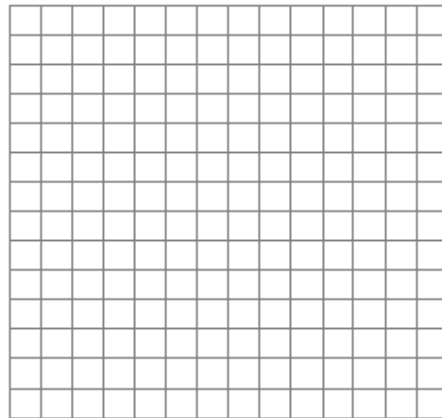
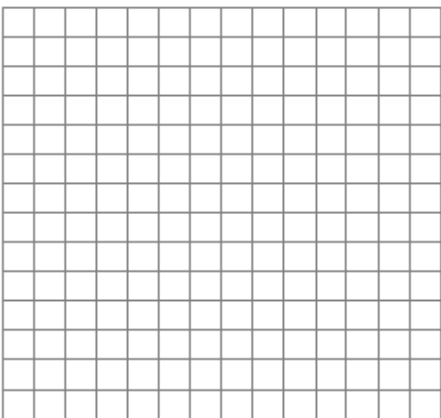
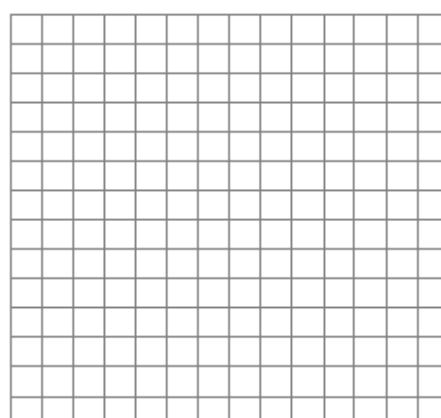
## 4.2 Solving Quadratics by Graphing

For exercises 1-3 list how many solutions are present. Then write an equation in factored form and in standard form.

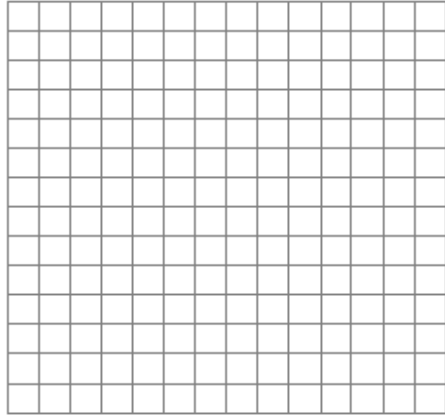
<p>1.</p> 	<p>2.</p> 	<p>3.</p> 
---	---	---

Solve the following problems by graphing. Draw your own axis so your graph fits. Box your answer(s).

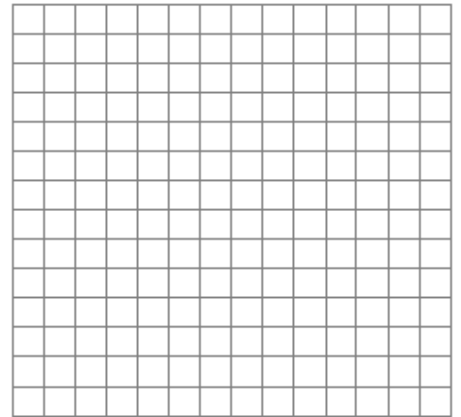
Show your work!

<p>4. <math>x^2 - 6x = 0</math></p> <div style="text-align: center; border: 1px solid black; width: 250px; height: 200px; margin: 10px auto;">  </div>	<p>5. <math>4x^2 - 8x + 4 = 0</math></p> <div style="text-align: center; border: 1px solid black; width: 250px; height: 200px; margin: 10px auto;">  </div>
<p>6. <math>-x^2 + 8x - 16 = 0</math></p> <div style="text-align: center; border: 1px solid black; width: 250px; height: 200px; margin: 10px auto;">  </div>	<p>7. <math>x^2 - 6x + 5 = 0</math></p> <div style="text-align: center; border: 1px solid black; width: 250px; height: 200px; margin: 10px auto;">  </div>

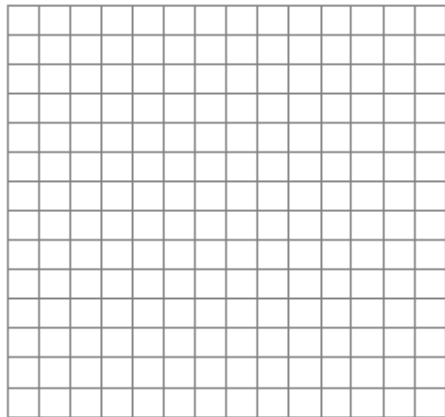
8.  $x^2 + 6x + 8 = 0$



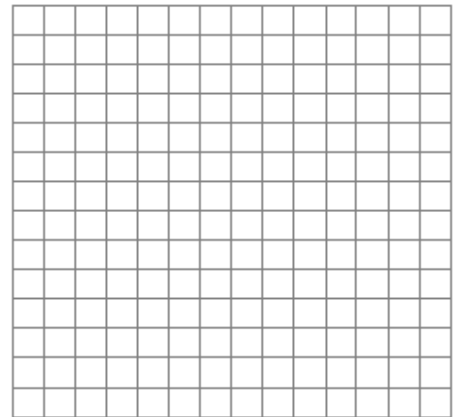
9.  $-3x^2 + 3 = 0$



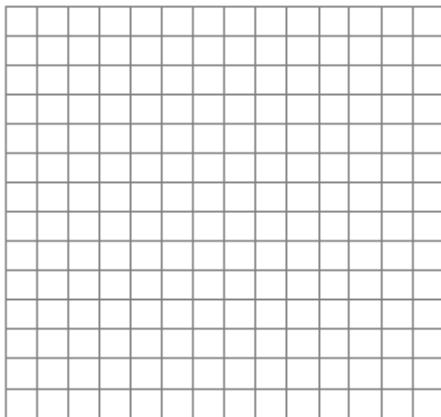
10.  $12 + 8x + x^2 = 0$



11.  $x^2 + 4x + 4 = 0$



11.  $-8 + x^2 + 2x = 0$



13.  $-5 - 4x + x^2 = 0$

