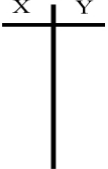
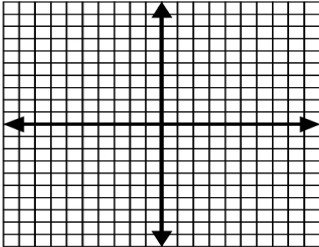

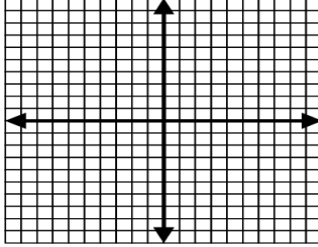
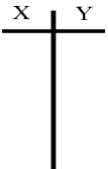
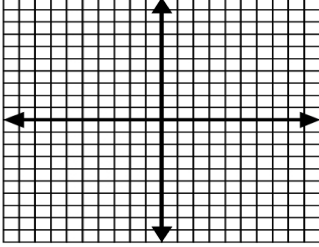

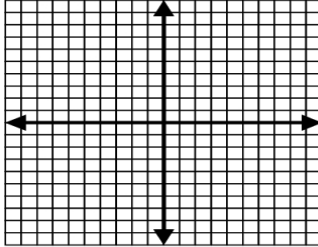


9-1 Graphing Quadratic Functions
Worksheet A

Name:

Graph the following quadratic equations.

<p>1. $y = -x^2 + 9$</p> <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;"> <p>X Y</p>  </div> <div style="text-align: center;">  </div> </div>	<p>2. $y = -x^2 + 4$</p> <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;"> <p>X Y</p>  </div> <div style="text-align: center;">  </div> </div>
<p>3. $y = x^2 + 6x + 5$</p> <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;"> <p>X Y</p>  </div> <div style="text-align: center;">  </div> </div>	<p>4. $y = x^2 + 2x - 3$</p> <div style="display: flex; align-items: center; gap: 20px;"> <div style="text-align: center;"> <p>X Y</p>  </div> <div style="text-align: center;">  </div> </div>

<p>5. Which of the following equations opens up?</p> <p>A) $-5x^2 + 7x + 9$ B) $21x^2 - 18x + 11$</p> <p>C) $-x^2 + 9$ D) $-8 + x + 4x^2$</p>	<p>6. Which of the following equations opens down?</p> <p>A) $y = x^2 + 2x - 3$ B) $y = 4$</p> <p>C) $y = -4 + x^2$ D) $y = 7 + 10x - 3x^2$</p>
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