

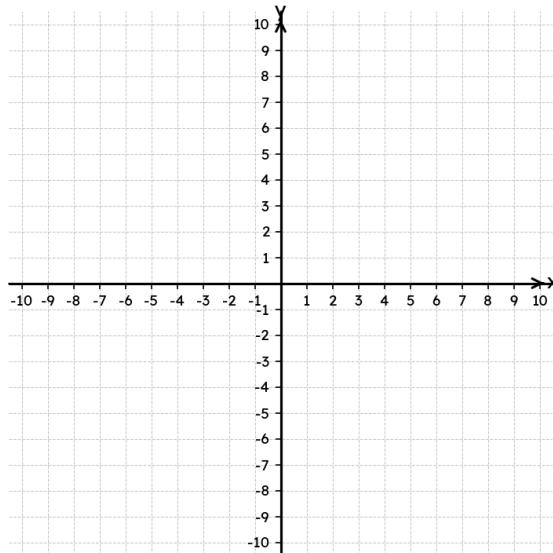


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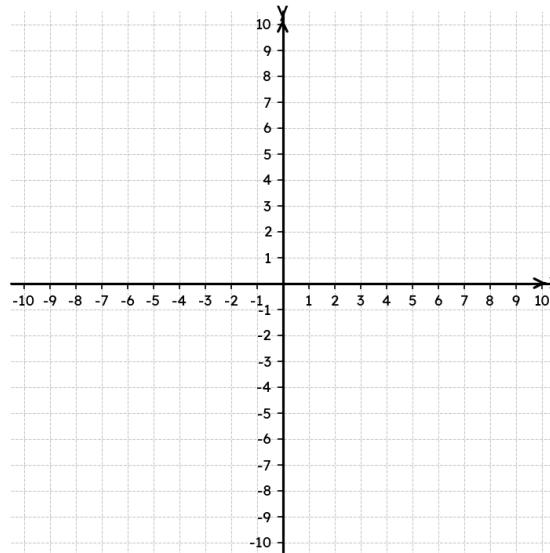
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Algebra 1 – Unit 11 – Using Vertex Form (Challenge)

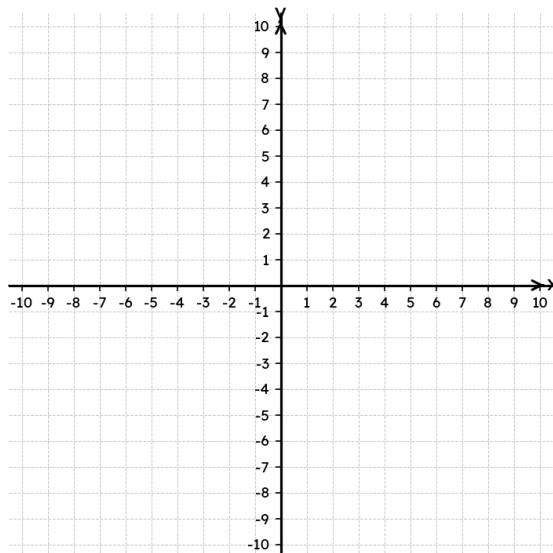
1. $y = -(x + 2.5)^2 + 2$



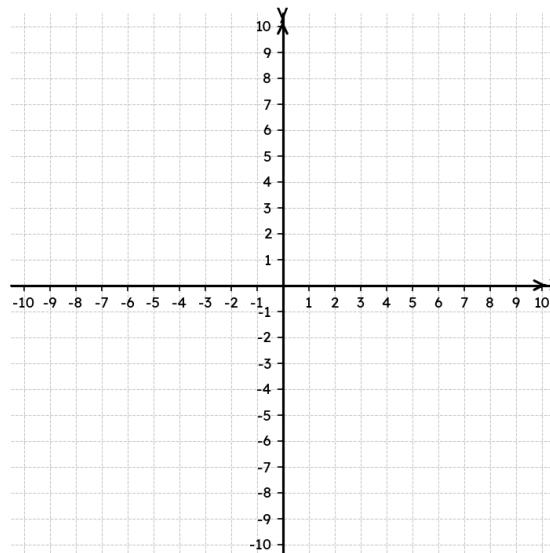
2. $y = 0.25(x - 1.5)^2 - 3$



3. $y = -2(x + 1.5)^2 + 3$



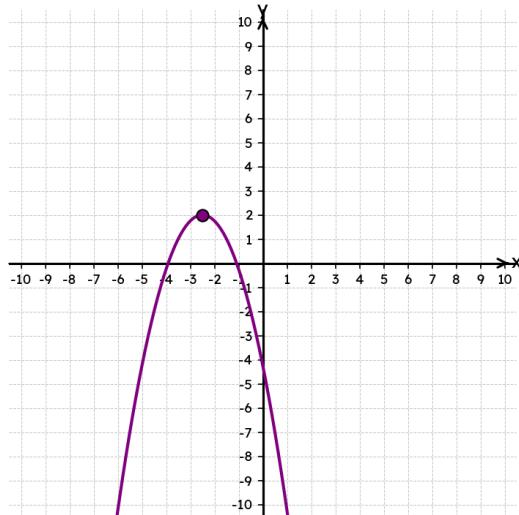
4. $y = 0.5(x + 3)^2 - 0.5$





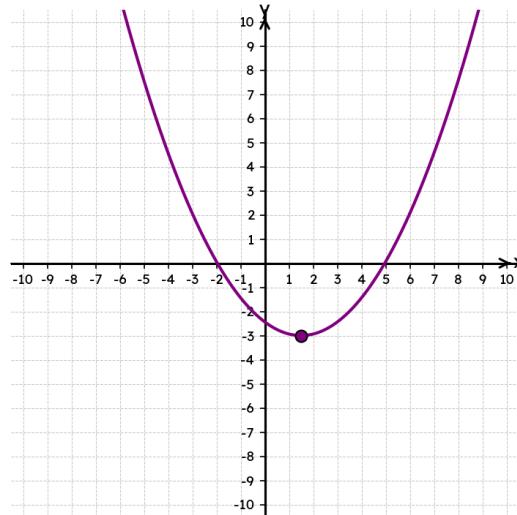
Algebra 1 – Unit 11 – Using Vertex Form (Challenge) – Answer Key

1. $y = -(x + 2.5)^2 + 2$



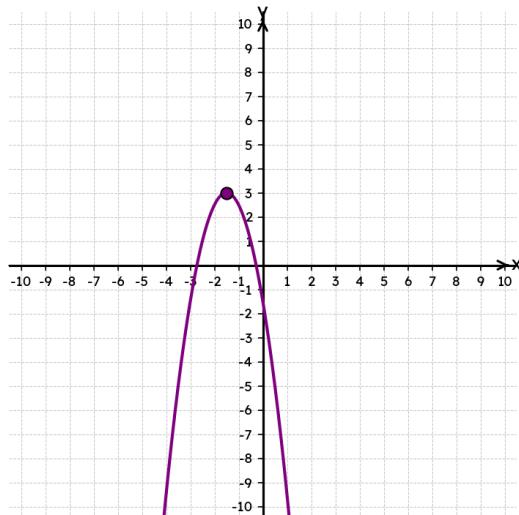
Vertex: (-2.5, 2.0)

2. $y = 0.25(x - 1.5)^2 - 3$



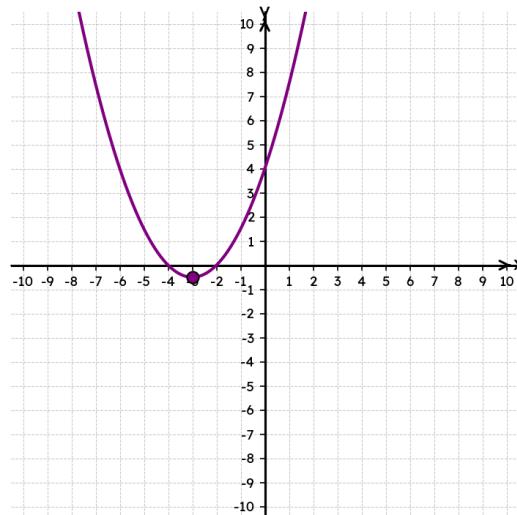
Vertex: (1.5, -3.0)

3. $y = -2(x + 1.5)^2 + 3$



Vertex: (-1.5, 3.0)

4. $y = 0.5(x + 3)^2 - 0.5$



Vertex: (-3.0, -0.5)