

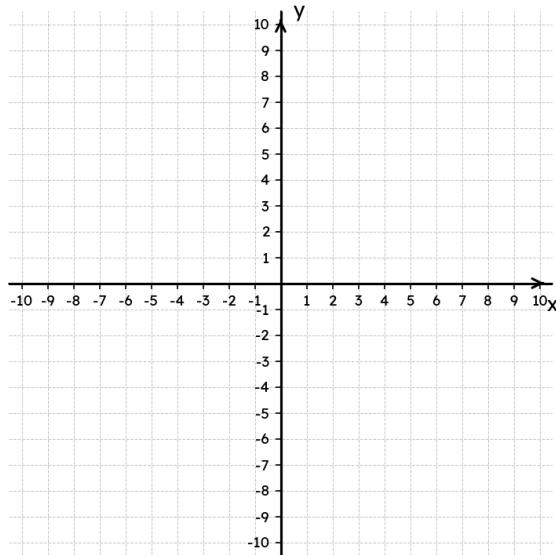


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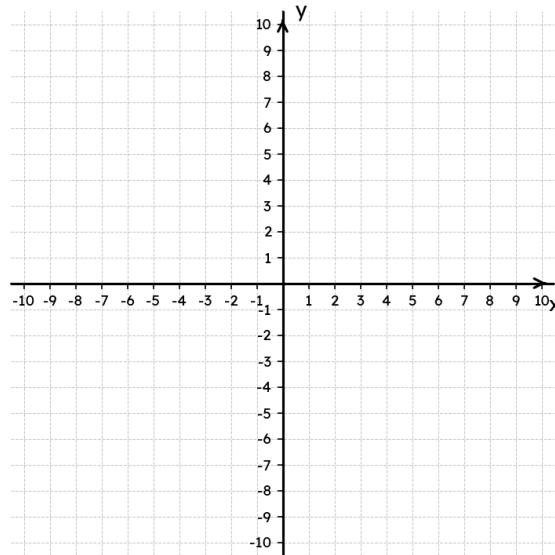
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Algebra 1 – Unit 11 – Using Vertex Form (Challenge)

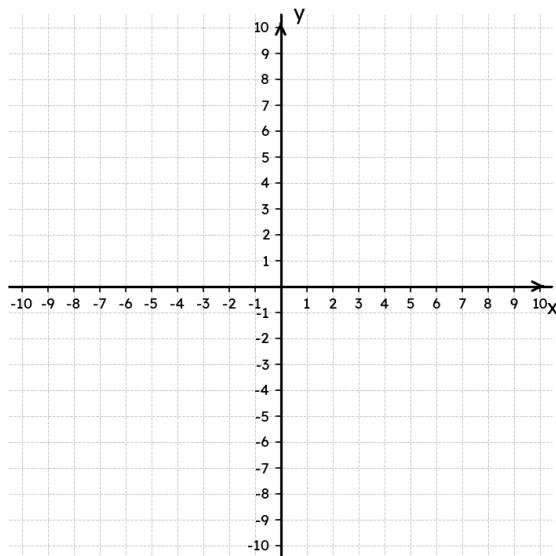
1. $y = (x - 3.5)^2 - 2.5$



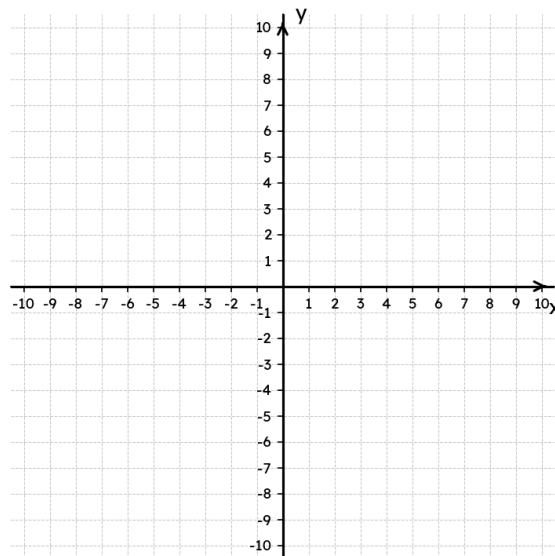
3. $y = 1.5(x - 4)^2 + 1$



2. $y = 1.5(x - 1)^2 - 0.5$



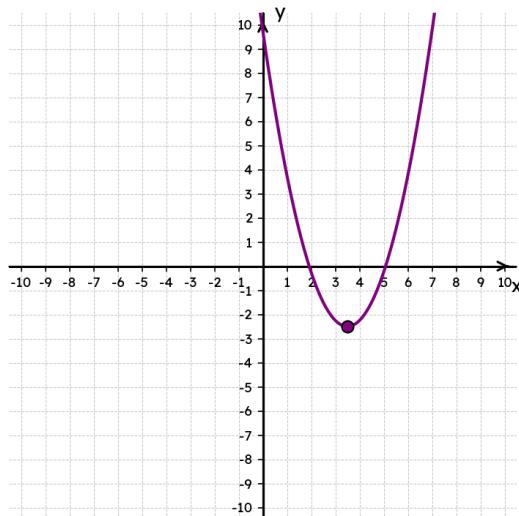
4. $y = (x - 2)^2 + 4$





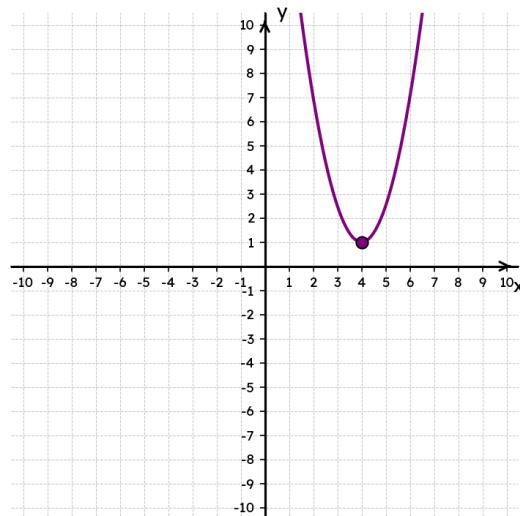
Algebra 1 – Unit 11 – Using Vertex Form (Challenge) – Answer Key

1. $y = (x - 3.5)^2 - 2.5$



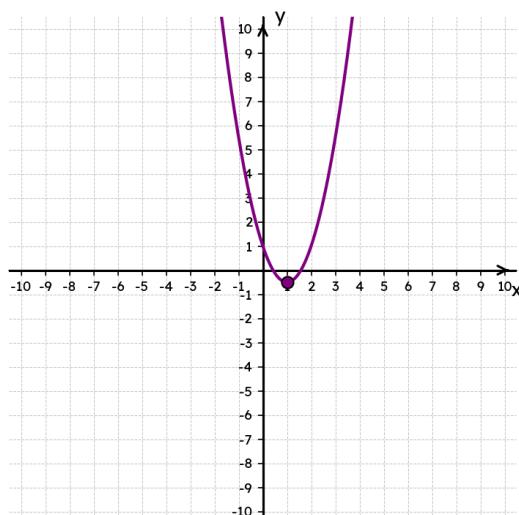
Vertex: (3.5, -2.5)

3. $y = 1.5(x - 4)^2 + 1$



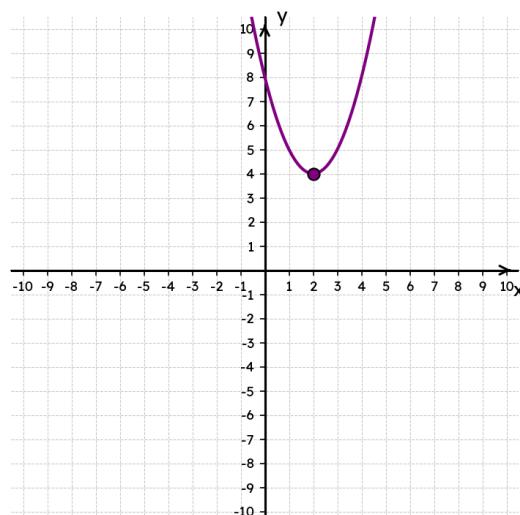
Vertex: (4.0, 1.0)

2. $y = 1.5(x - 1)^2 - 0.5$



Vertex: (1.0, -0.5)

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



Vertex: (2.0, 4.0)