

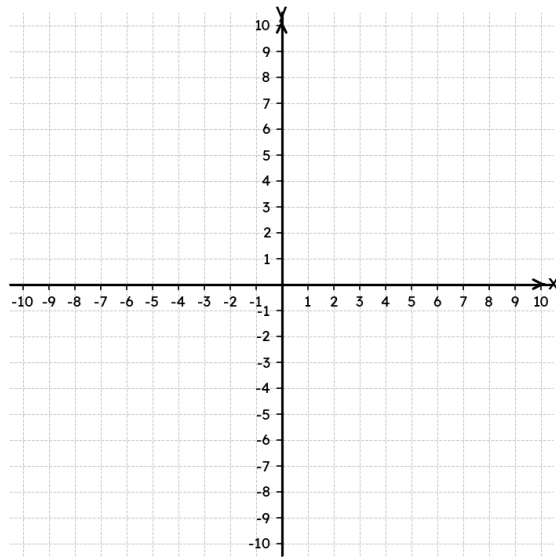


Name: _____

Date: _____

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

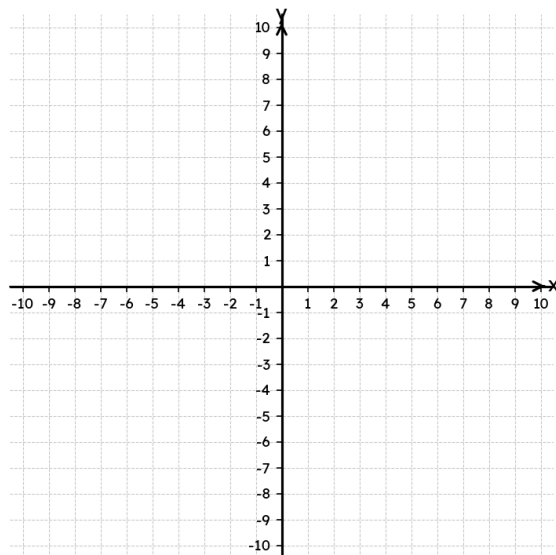
1. $y = 2(x - 0.5)^2 + 2.5$



2. $y = 3(x - 4)^2 - 2.5$



3. $y = -0.5(x - 2.5)^2 + 0.5$



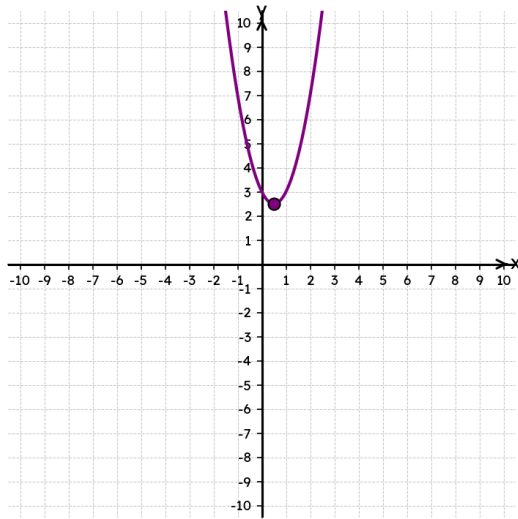
4. $y = -3(x - 3)^2 - 3.5$





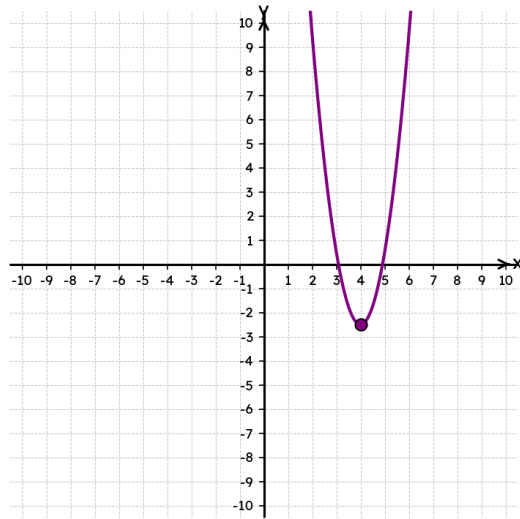
Algebra 1 – Unit 11 – Using Vertex Form (Challenge) – Answer Key

1. $y = 2(x - 0.5)^2 + 2.5$



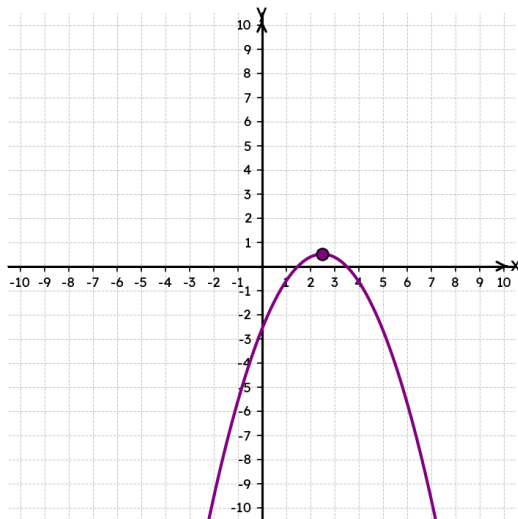
Vertex: (0.5, 2.5)

2. $y = 3(x - 4)^2 - 2.5$



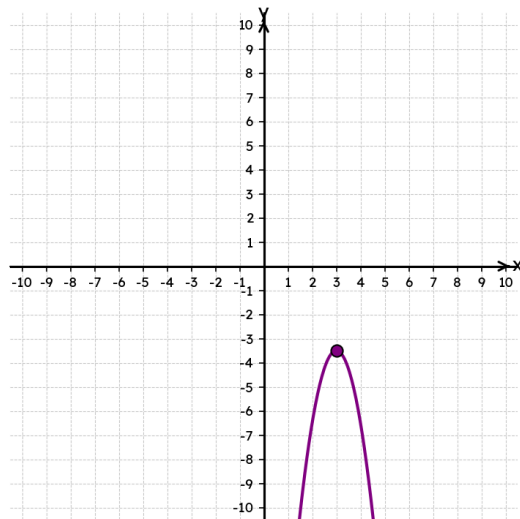
Vertex: (4.0, -2.5)

3. $y = -0.5(x - 2.5)^2 + 0.5$



Vertex: (2.5, 0.5)

4. $y = -3(x - 3)^2 - 3.5$



Vertex: (3.0, -3.5)