

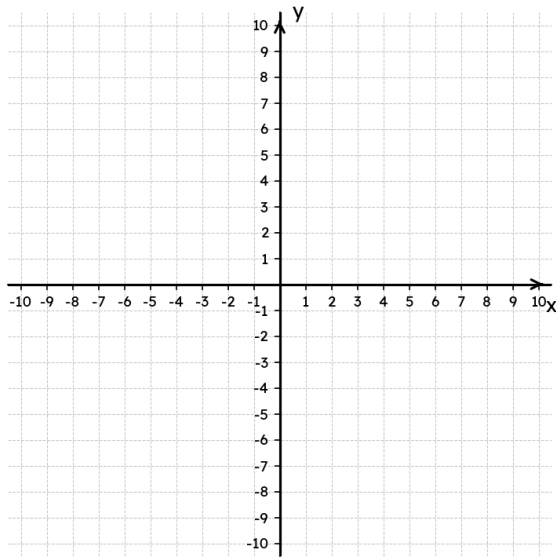


Name: _____

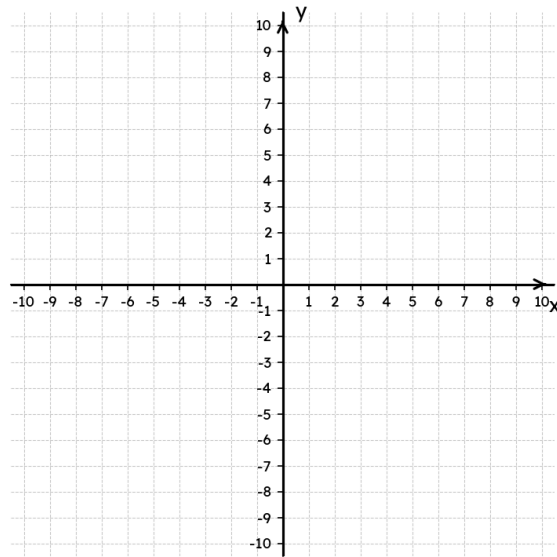
Date: _____

Using Vertex Form

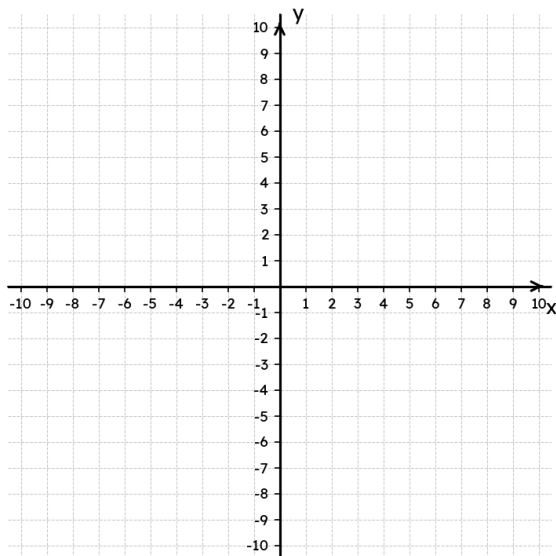
1. $y = 2(x - 3)^2 + 1$



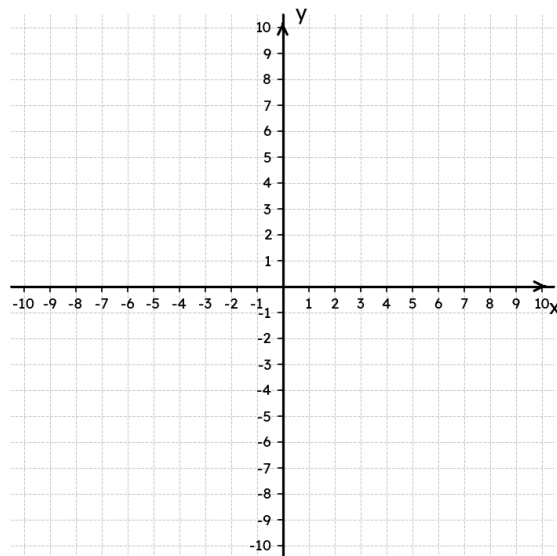
3. $y = 2(x + 5)^2$



2. $y = 2x^2 - 4$



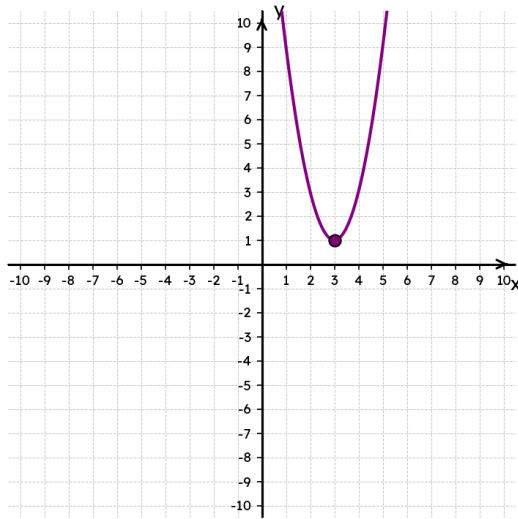
4. $y = -2(x + 3)^2 - 5$





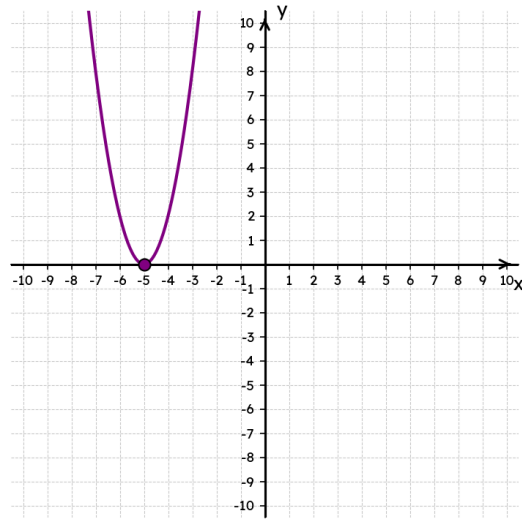
Using Vertex Form – Answer Key

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



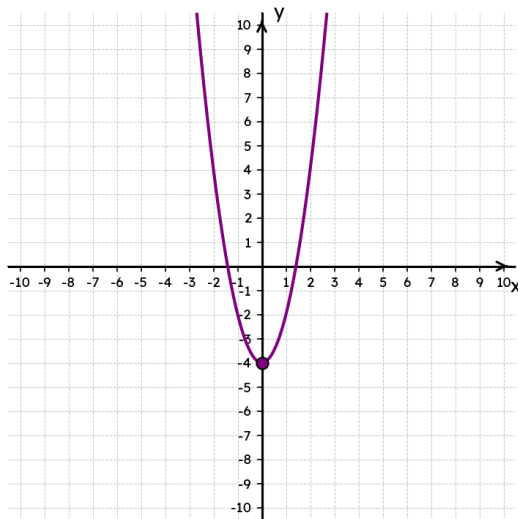
Vertex: (3, 1)

3. $y = 2(x + 5)^2$



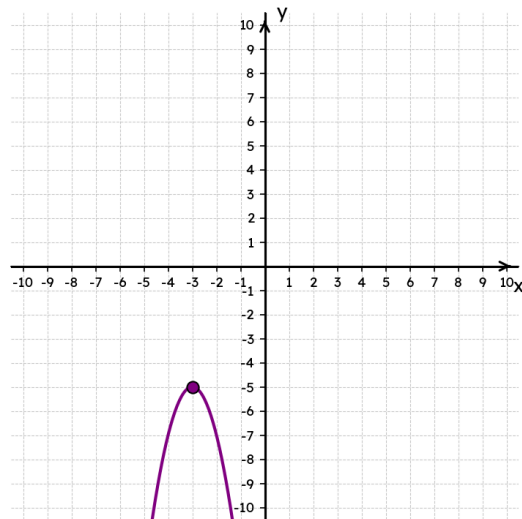
Vertex: (-5, 0)

2. $y = 2x^2 - 4$



Vertex: (0, -4)

4. $y = -2(x + 3)^2 - 5$



Vertex: (-3, -5)