

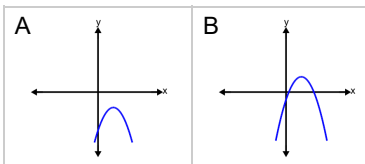


## Quadratics Vertex Form - Vertex to Graph

**1**

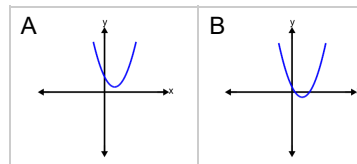
Which graph shows this a quadratic function with this vertex?

$(3, -3)$ , opening down

**2**

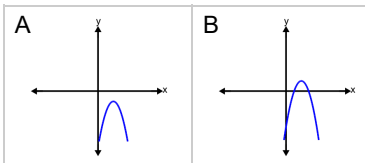
Which graph shows this a quadratic function with this vertex?

$(2, -1)$ , opening up

**3**

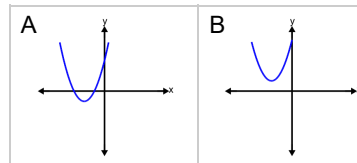
Which graph shows this a quadratic function with this vertex?

$(3, -2)$ , opening down

**4**

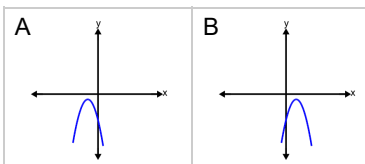
Which graph shows this a quadratic function with this vertex?

$(-4, 2)$ , opening up

**5**

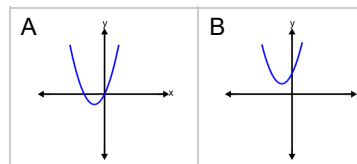
Which graph shows this a quadratic function with this vertex?

$(-2, -1)$ , opening down

**6**

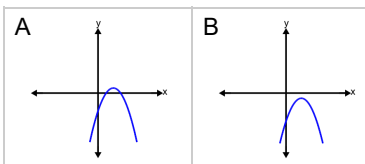
Which graph shows this a quadratic function with this vertex?

$(-2, -2)$ , opening up

**7**

Which graph shows this a quadratic function with this vertex?

$(3, -1)$ , opening down

**8**

Which graph shows this a quadratic function with this vertex?

$(3, 1)$ , opening up

