

Name _____ Block _____

Find the vertex

1) $y = 2x^2$

2) $y = -x^2 - 1$

2) $y = x^2 + 3$

4) $y = 2x^2 + 2x$

5) $y = x^2 + 6x$

6) $y = x^2 + 6x + 2$

7) $y = -2x^2 + 4x - 1$

8) $y = -4x^2 - 4x + 8$

9) $y = 2x^2 - 4x + 3$

10) $y = 3x^2 - 12x - 2$