




Equation of a Parabola

 Write the equation of the following parabolas.

1) Vertex $(0, 0)$ and Focus $(0, 2)$ _____

2) Vertex $(1, 0)$ and Focus $(2, -2)$ _____

3) Vertex $(0, 1)$ and Focus $(0, -8)$ _____

4) Vertex $(3, 2)$ and Focus $(3, 4)$ _____

5) Vertex $(1, 1)$ and Focus $(1, 6)$ _____

6) Vertex $(-1, 2)$ and Focus $(-1, 5)$ _____

7) Vertex $(2, 2)$ and Focus $(2, 4)$ _____

8) Vertex $(0, 1)$ and Focus $(0, 3)$ _____

9) Vertex $(2, 1)$ and Focus $(4, 1)$ _____

10) Vertex $(5, 0)$ and Focus $(9, 0)$ _____

11) Vertex $(-2, 4)$ and Focus $(2, 4)$ _____

12) Vertex $(0, -4)$ and Focus $(4, -4)$ _____

