Determine the vertex point by looking at h and k, or by completing the square.

1) $y = 2(x-4)^2 + 5$
Vertex Point(,)

2) $y = 5(x+3)^2 - 1$
Vertex Point(,)

3) $y = \frac{1}{11}(x-7)^2 + 8$
Vertex Point(,)

4) $y = 9x^2 + 5$
Vertex Point(,)

5) $y = \frac{1}{20}x^2 - 9$
Vertex Point(,)

6) $y = 16(x+7)^2$
Vertex Point(,)

7) $y = \frac{3}{14}(x+3)^2$
Vertex Point(,)

8) $y = .001(x-1)^2 + 3$
Vertex Point(,)

9) $y = 22(x+44)^2 + 33$
Vertex Point(,)

10) $y = (x-9)^2 + 2$
Vertex Point(,)

11) $y = 9(x+3)^2 - 1$
Vertex Point(,)

12) $y = \frac{-1}{10}(x-3)^2 + 4$
Vertex Point(,)

13) $y = 9x^2 + 5$
Vertex Point(,)

14) $y = x^2 - 5$
Vertex Point(,)

15) $y = x^2 + 2x + 4$
Vertex Point(,)

16) $y = x^2 + 2x - 4$
Vertex Point(,)