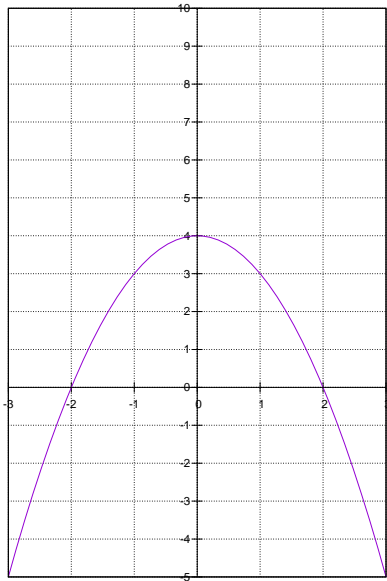


演習問題 16 解答

問題 1 次の 2 次関数の頂点の座標を求め、グラフを描け。

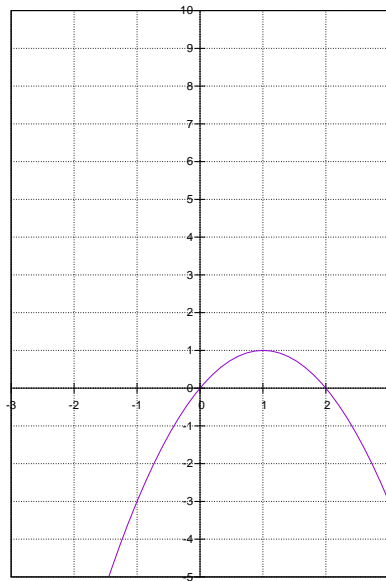
(1) $y = -x^2 + 4$

頂点の座標 $(0, 4)$



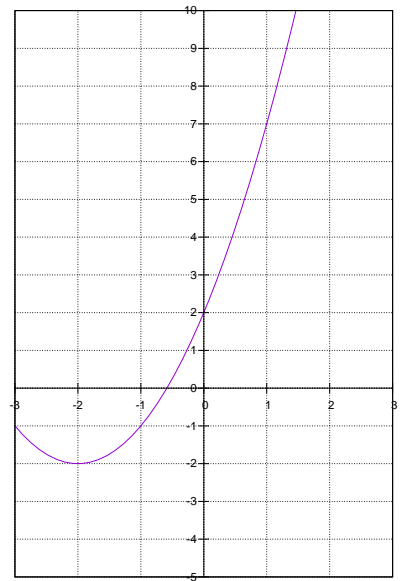
(2) $y = -x^2 + 2x$

頂点の座標 $(1, 1)$



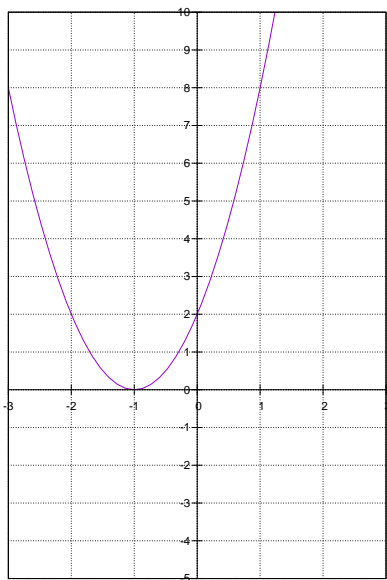
(3) $y = x^2 + 4x + 2$

頂点の座標 $(-2, -2)$



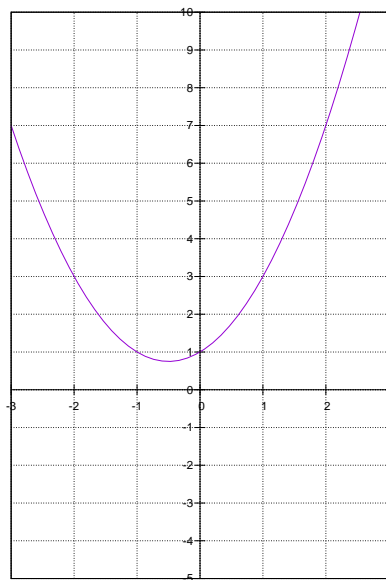
(4) $y = 2x^2 + 4x + 2$

頂点の座標 $(-1, 0)$



(5) $y = x^2 + x + 1$

頂点の座標 $\left(-\frac{1}{2}, \frac{3}{4}\right)$



(6) $y = -\frac{1}{2}x^2 - 2x$

頂点の座標 $(-2, 2)$

