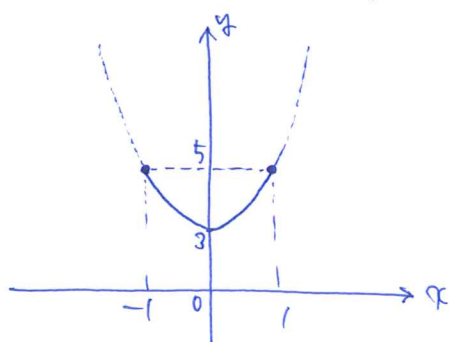


37 以下の関数のグラフを描き、最大値、最小値を答えよ。

(1) $y = 2x^2 + 3 \quad (-1 \leq x \leq 1)$

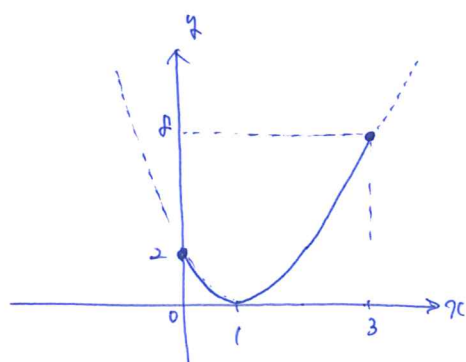


7"377)

Max 5 ($x = -1$)

Min 3 ($x = 0$)

(2) $y = 2(x - 1)^2 \quad (0 \leq x \leq 3)$

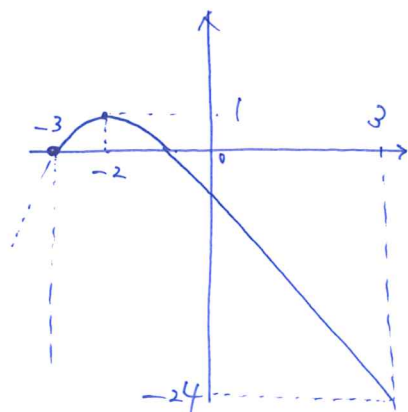


7"377)

Max 8 ($x = 3$)

Min 0 ($x = 1$)

(3) $y = -(x + 2)^2 + 1 \quad (-3 \leq x \leq 3)$



7"377)

Max 1 ($x = -2$)

Min -24 ($x = 3$)