

演習問題 17-2

学籍番号

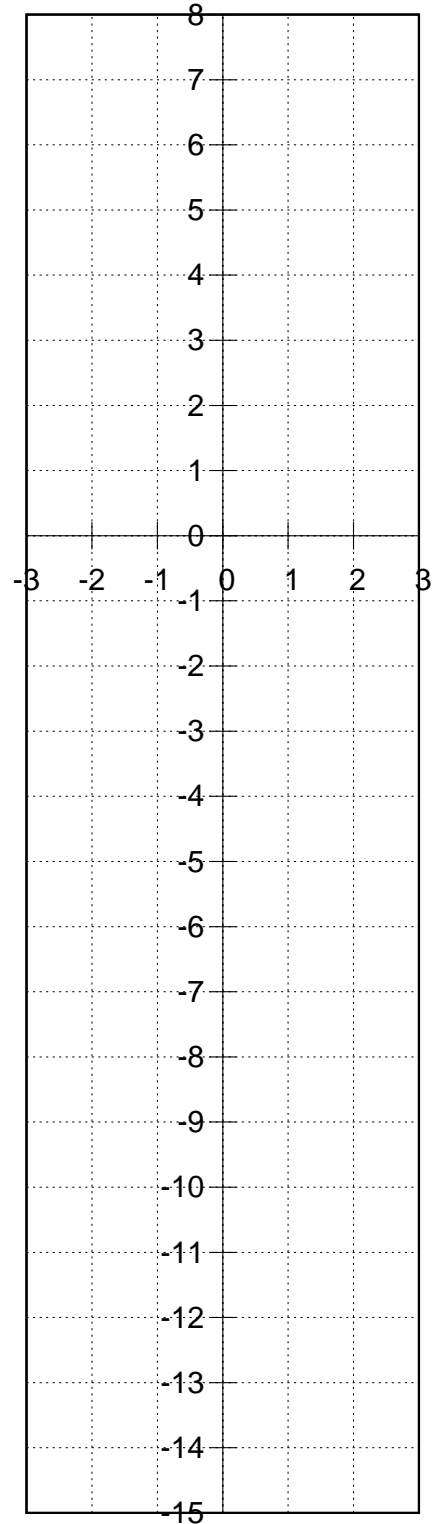
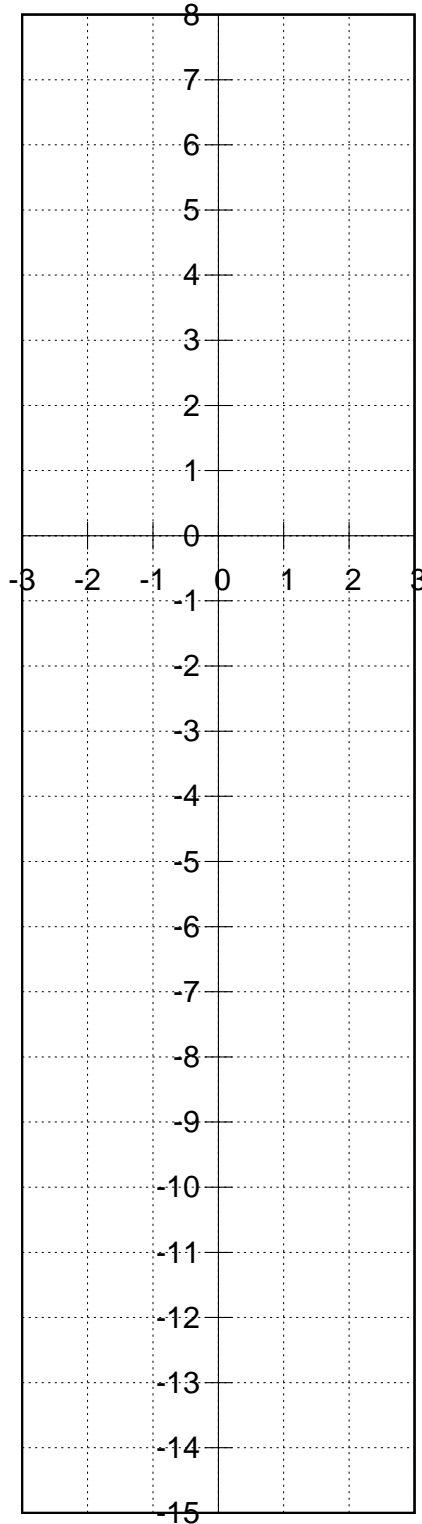
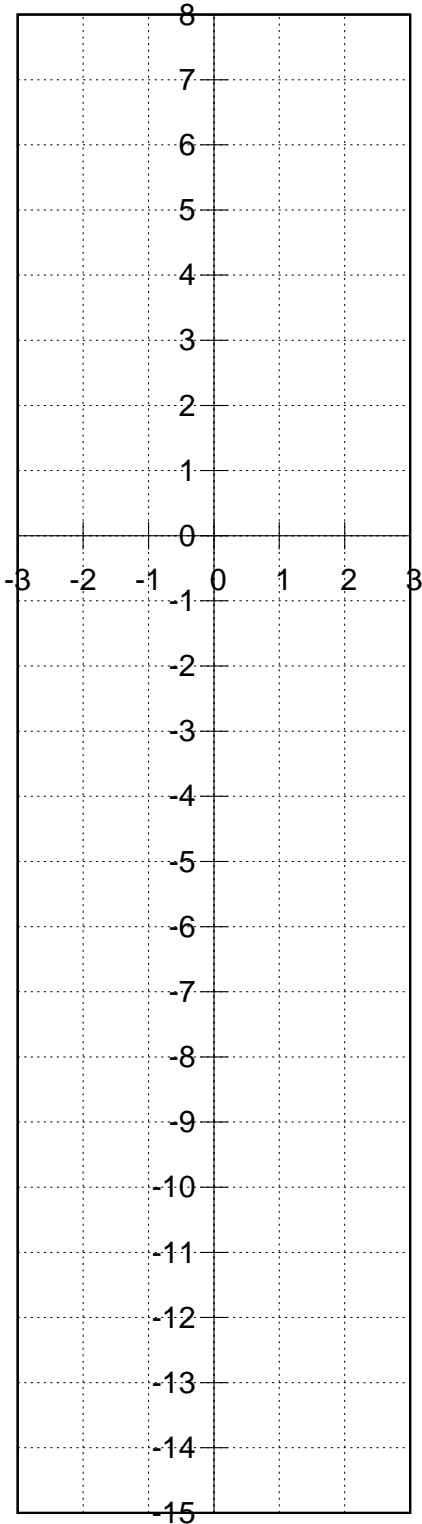
名前

問題 1 次の関数のグラフを書け。また、この関数に最大値、最小値があれば、それを求めよ。

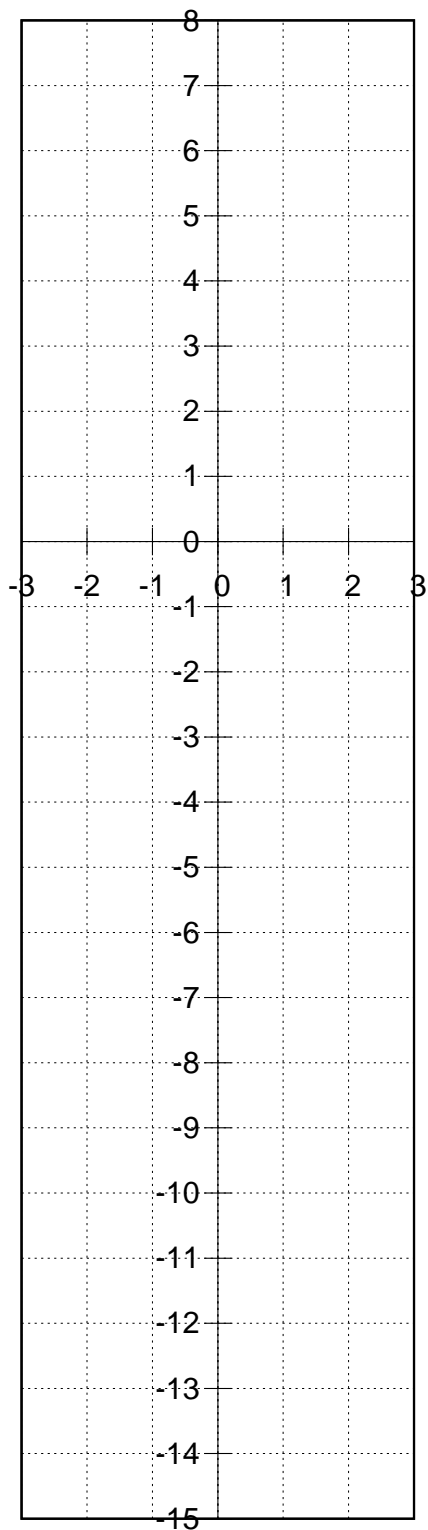
(1)  $y = x^2 - 2x - 2$  ( $0 \leq x \leq 3$ )

(2)  $y = -x^2 - 4x + 2$  ( $0 \leq x < 3$ )

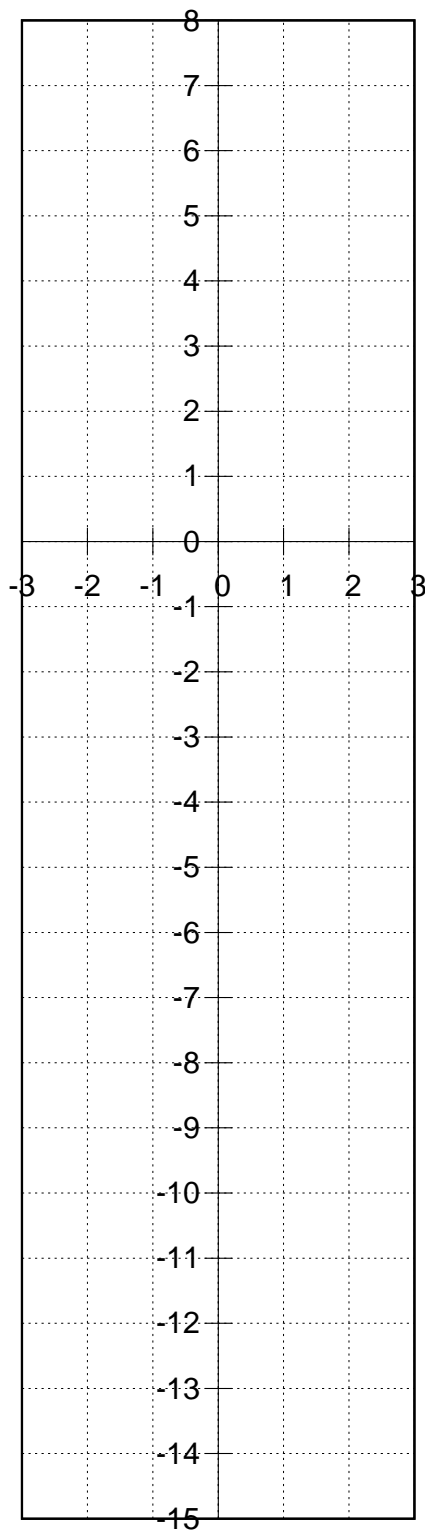
(3)  $y = x^2 + 2x - 1$  ( $-2 \leq x \leq 1$ )



(4)  $y = -2x^2 + 4x + 1$   
( $-2 \leq x \leq 3$ )



(5)  $y = \frac{1}{2}x^2 - 3x + 4$   
( $-1 \leq x \leq 2$ )



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

