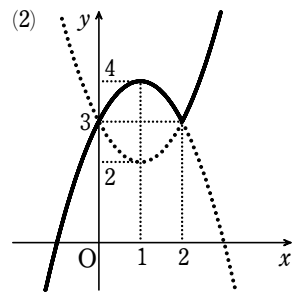
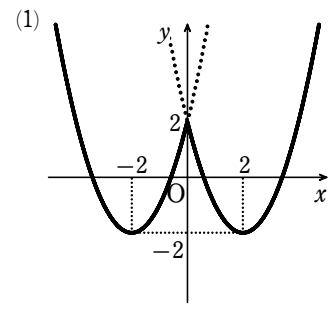


1

解答 (1)  $y=(x-4)^2-4$  (2)  $y=2(x-1)^2-3$  (3)  $y=-3\left(x-\frac{1}{2}\right)^2+\frac{7}{4}$

2

解答



3

解答  $y=-2x^2-4x+3$

4

解答  $y = 2x^2 - 8x + 6$

5

- 解答 (1)  $x = 0$  で最大値 5,  $x = 2$  で最小値  $-3$   
(2)  $x = 1$  で最大値 3,  $x = -1$  で最小値  $-9$

6

- 解答 (1)  $x = -6, y = -3$  で最大値 18  
(2)  $0 \leq x \leq 4$ ;  $x = 0, y = 4$  または  $x = 4, y = 0$  で最大値 16,  
 $x = y = 2$  で最小値 8