

# 그래프 그리기 (가우스 함수)

2024년 8월 27일

다음 함수에 대하여 불연속 점의 개수를 구하여라.

(1)  $y = [x] \quad (-4 \leq x \leq 4)$

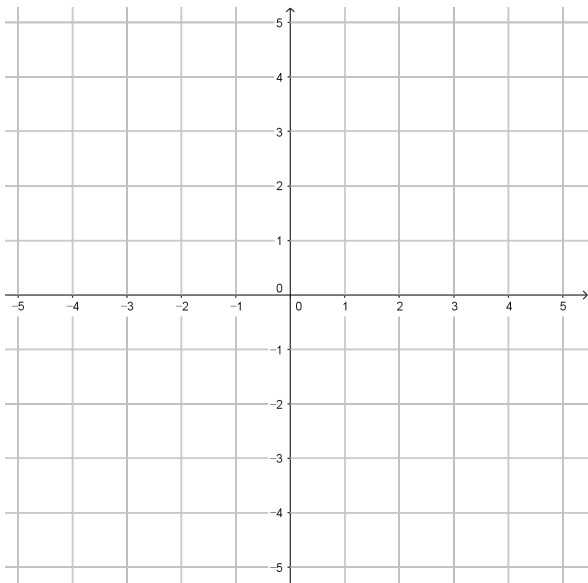
(2)  $y = [2x + 1] \quad (-2 \leq x \leq 2)$

(3)  $y = [\frac{1}{2}x + 1] \quad (-4 \leq x \leq 4)$

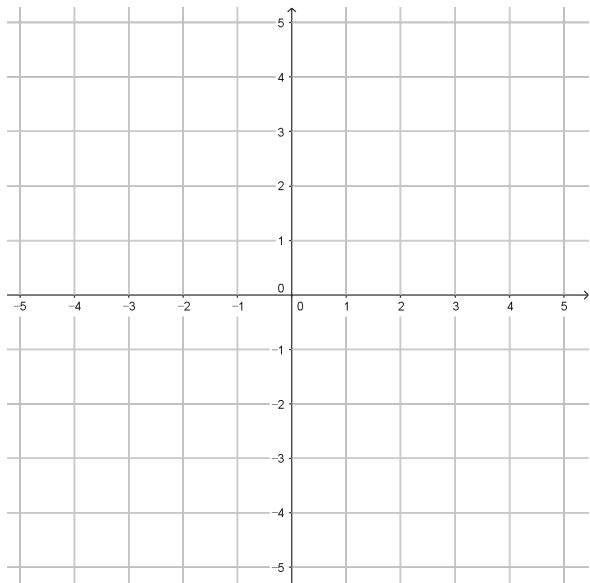
(4)  $y = [x^2] \quad (-2 \leq x \leq 2)$

(5)  $y = [\frac{1}{2}x^2 - 4] \quad (-4 \leq x \leq 4)$

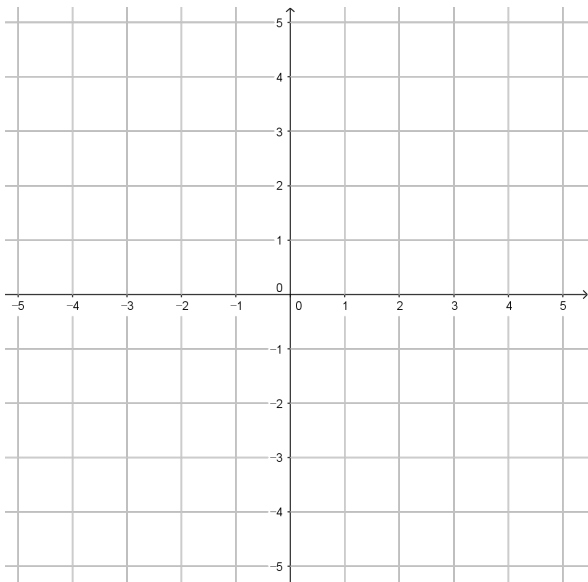
$y = x \quad (-4 \leq x \leq 4)$



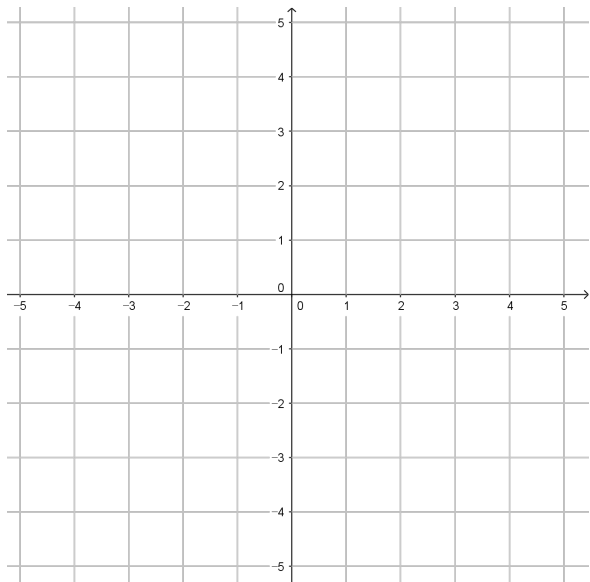
$y = [x] \quad (-4 \leq x \leq 4)$



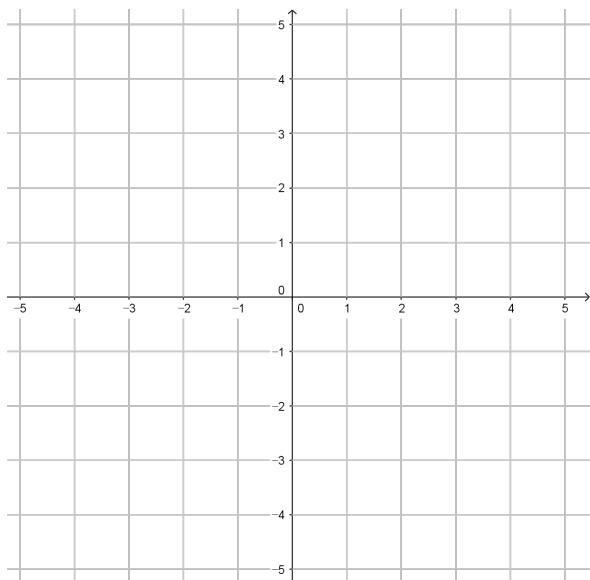
$y = 2x + 1 \quad (-2 \leq x \leq 2)$



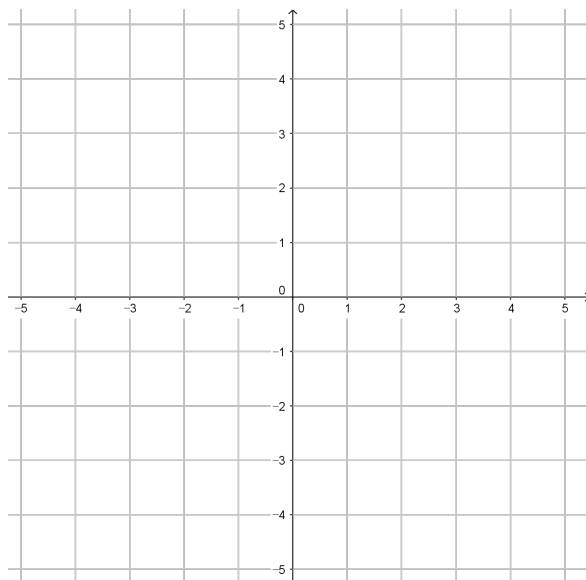
$y = [2x + 1] \quad (-2 \leq x \leq 2)$



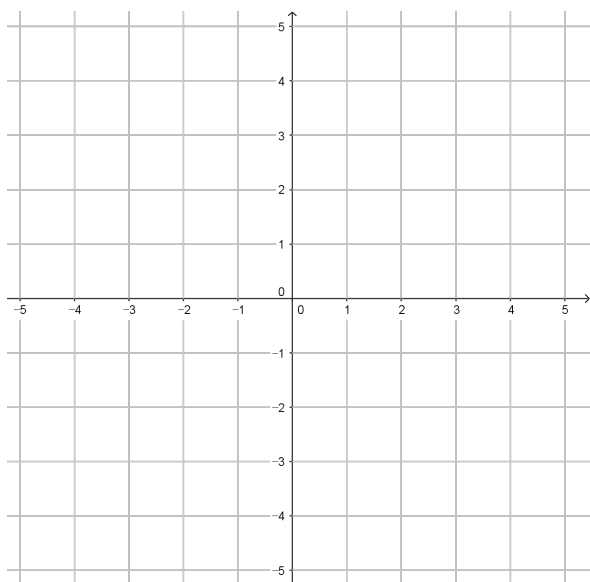
$$y = \frac{1}{2}x + 1 \quad (-4 \leq x \leq 4)$$



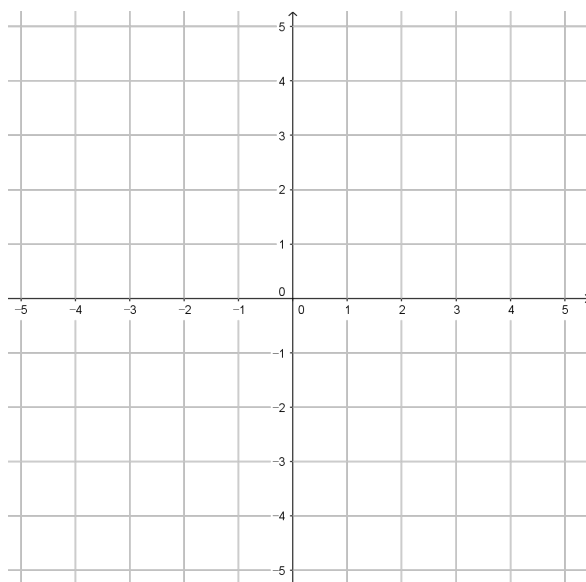
$$y = \lceil \frac{1}{2}x + 1 \rceil \quad (-4 \leq x \leq 4)$$



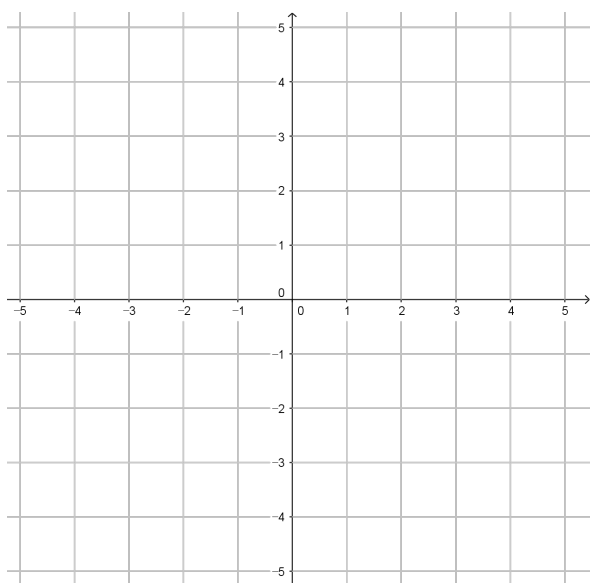
$$y = x^2 \quad (-2 \leq x \leq 2)$$



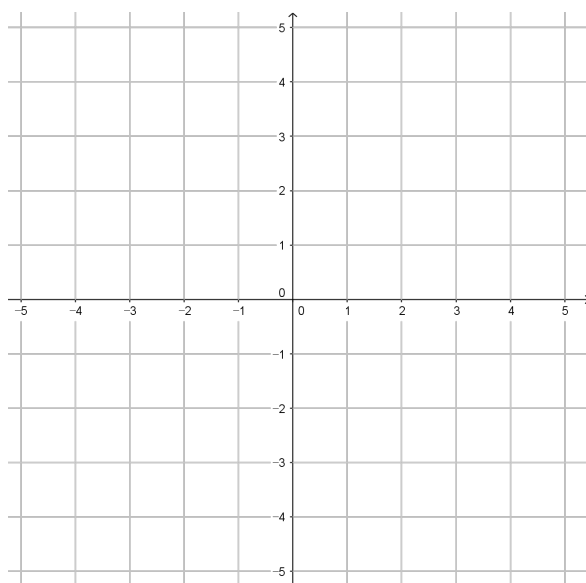
$$y = \lceil x^2 \rceil \quad (-2 \leq x \leq 2)$$



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



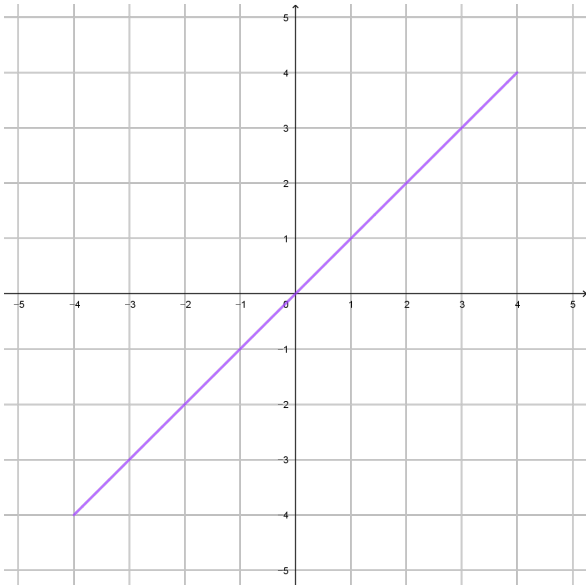
$$y = \lceil \frac{1}{2}x^2 - 4 \rceil \quad (-4 \leq x \leq 4)$$



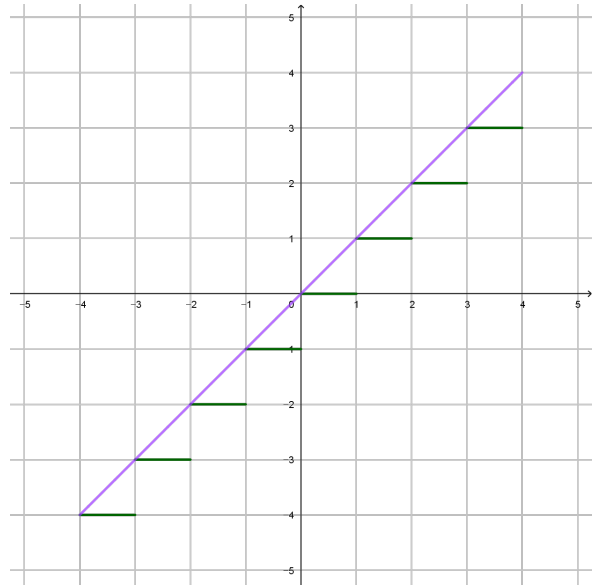
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- (1) 8
- (2) 8
- (3) 4
- (4) 8
- (5) 16

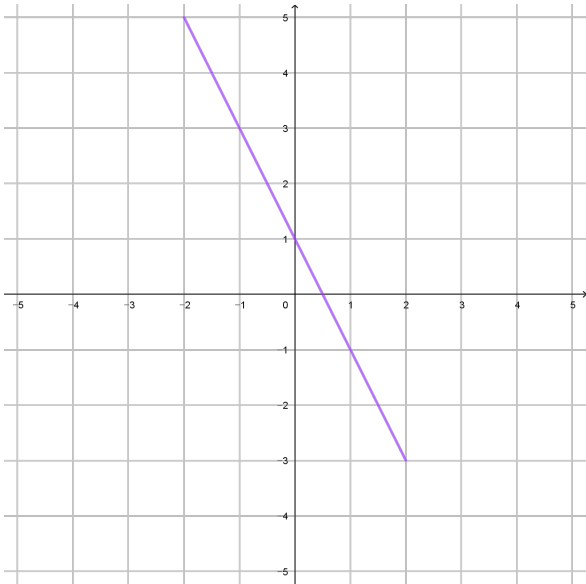
$$y = x \quad (-4 \leq x \leq 4)$$



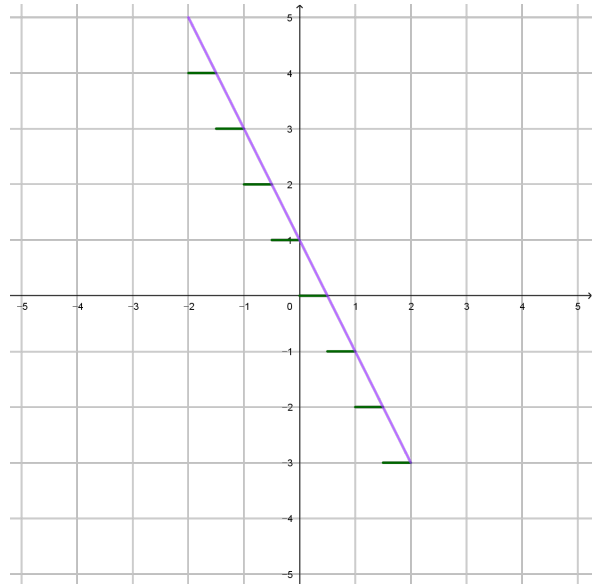
$$y = [x] \quad (-4 \leq x \leq 4)$$



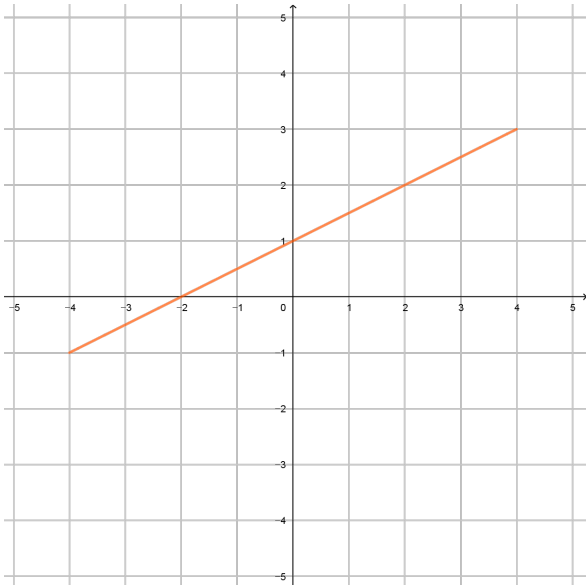
$$y = 2x + 1 \quad (-2 \leq x \leq 2)$$



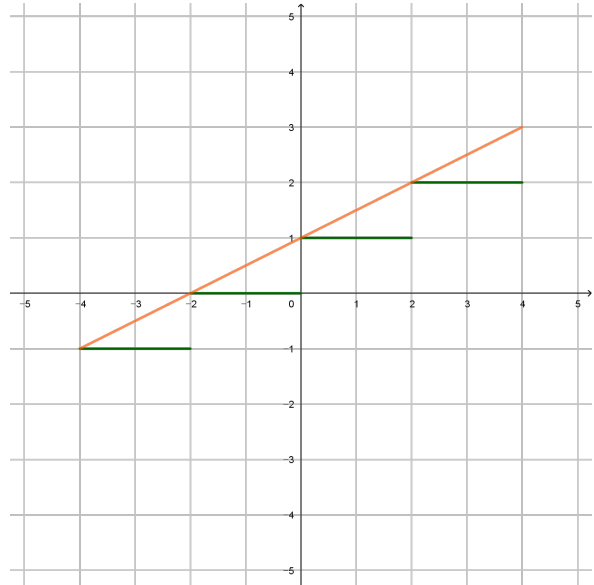
$$y = [2x + 1] \quad (-2 \leq x \leq 2)$$



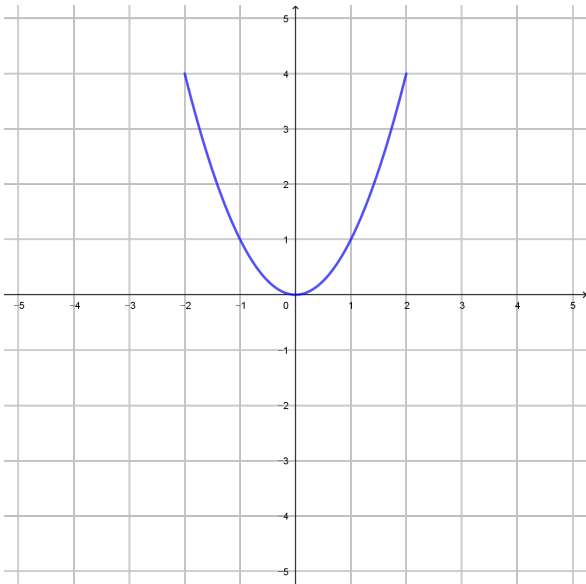
$$y = \frac{1}{2}x + 1 \quad (-4 \leq x \leq 4)$$



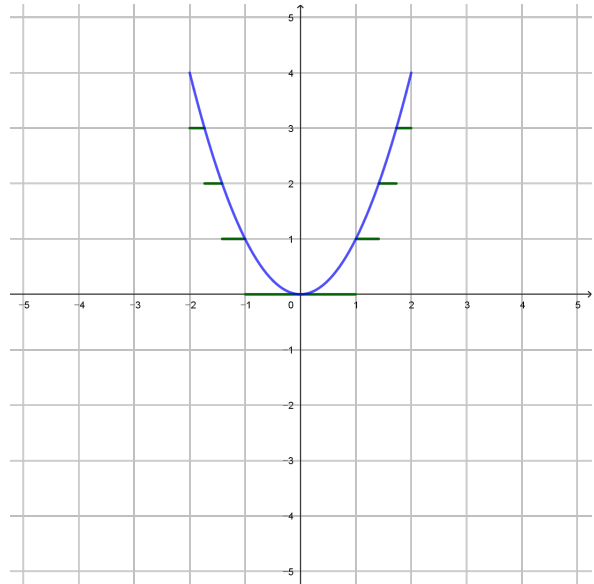
$$y = [\frac{1}{2}x + 1] \quad (-4 \leq x \leq 4)$$



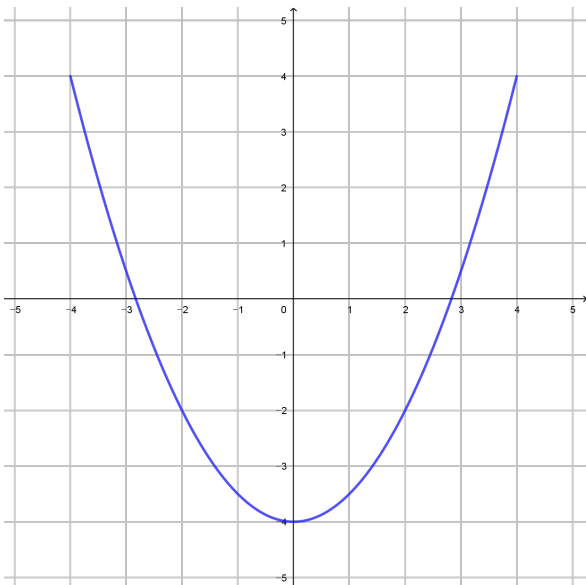
$$y = x^2 \quad (-2 \leq x \leq 2)$$



$$y = [x^2] \quad (-2 \leq x \leq 2)$$



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



$$y = [2x^2 - 1] \quad (-4 \leq x \leq 4)$$

