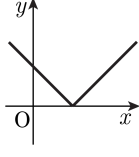
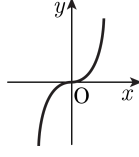


1. 다음 함수 $y = f(x)$ 의 그래프 중 역함수가 존재하는 것은?

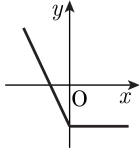
①



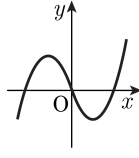
②



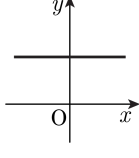
③



④



⑤



2. 함수 $y = -x - 1$ 의 역함수의 그래프에서 x 절편을 a , y 절편을 b 라 할 때, ab 의 값은 얼마인가?

① -2 ② -1 ③ 1 ④ 2 ⑤ 3

3. 함수 $f(x) = 2ax - a + 2$ 에 대하여 $f^{-1}(-7) = 2$ 일 때, 상수 a 의 값은 얼마인가?

① -5 ② -3 ③ -1 ④ 1 ⑤ 3

4. 함수 $f(x) = 2x - 5$ 의 역함수를 $y = f^{-1}(x)$ 라 할 때, $f^{-1}(-3)$ 의 값은 얼마인가?

① -3

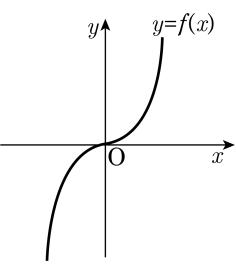
② -1

③ 0

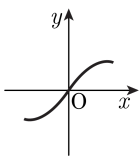
④ 1

⑤ 3

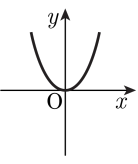
5. 함수 $y = f(x)$ 의 그래프가 그림과 같을 때,
다음 중 $y = f^{-1}(x)$ 의 그래프로 적당한 것은
무엇인가?



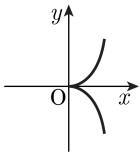
①



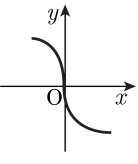
②



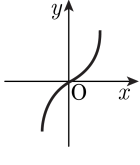
③



④

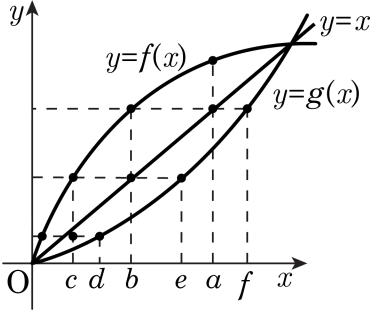


⑤



6. 다음 그림은 세 함수 $y = f(x)$, $y = g(x)$, $y = x$ 의 그래프이다. 이때,

$(f \circ f \circ g)^{-1}(a)$ 의 값은?



- ① a ② b ③ c ④ d ⑤ e