

1. 다음을 계산한 값을 차례로 구하면?

$$\textcircled{\text{㉠}} \quad (-13) + (+32) + (-25) - (-19)$$

$$\textcircled{\text{㉡}} \quad -24 - 17 + 29 - 15$$

① $-10, -5$

② $-3, 4$

③ $13, 7$

④ $10, 6$

⑤ $13, -27$

해설

$$\begin{aligned}\textcircled{\text{㉠}} \quad & (-13) + (+32) + (-25) - (-19) \\ &= (-13) + (+32) + (-25) + (+19) \\ &= 13\end{aligned}$$

$$\begin{aligned}\textcircled{\text{㉡}} \quad & -24 - 17 + 29 - 15 \\ &= (-24) + (-17) + (+29) + (-15) \\ &= -27\end{aligned}$$

2. 다음 중 $-(-1)^{100}$ 과 같은 것은?

① $(-1)^{50}$

② $(-1)^{70}$

③ $\{-(-1)\}^{1000}$

④ $(-1)^{27}$

⑤ $-(-1)^{99}$

해설

$$-(-1)^{100} = -1$$

① $(-1)^{50} = 1$

② $(-1)^{70} = 1$

③ $\{-(-1)\}^{1000} = 1$

④ $(-1)^{27} = -1$

⑤ $-(-1)^{99} = 1$