

1. 다음 식을 간단히 하면?

$$\sqrt{225} - \sqrt{(-6)^2} + \sqrt{(-3)^2 \times 2^4} - \sqrt{5^2} - (-\sqrt{3})^2$$

- ① -11 ② 7 ③ 10 ④ 13 ⑤ 19

해설

$$\begin{aligned} & \sqrt{225} - \sqrt{(-6)^2} + \sqrt{(-3)^2 \times 2^4} - \sqrt{5^2} - (-\sqrt{3})^2 \\ &= 15 - 6 + \sqrt{(3 \times 2^2)^2} - 5 - 3 \\ &= 9 + 12 - 8 = 13 \end{aligned}$$