

1. 다음 식을 간단히 나타낸 것 중 틀린 것은?

$$\textcircled{1} \frac{4}{\sqrt{10}} \times \sqrt{50} \div \sqrt{8} = \sqrt{10}$$

$$\textcircled{2} \frac{\sqrt{48}}{3} \div \sqrt{\frac{1}{6}} \times \left(-\frac{3}{\sqrt{2}}\right) = -12$$

$$\textcircled{3} 2\sqrt{21} \div \sqrt{7} \times \sqrt{3} = 6\sqrt{3}$$

$$\textcircled{4} \frac{2}{\sqrt{3}} \times \frac{\sqrt{3}}{\sqrt{5}} \times \frac{3\sqrt{5}}{\sqrt{6}} = \sqrt{6}$$

$$\textcircled{5} 3\sqrt{14} \div (-\sqrt{7}) \times \sqrt{6} = -6\sqrt{3}$$

**2.**  $ab = 2$  일 때,  $a\sqrt{\frac{8b}{a}} + b\sqrt{\frac{32a}{b}}$  의 값은? (단,  $a > 0$ ,  $b > 0$ )

① 2

② 4

③ 5

④ 12

⑤ 24