

1. 다음 식을 간단히 나타낸 것 중 틀린 것은?

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

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

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

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

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