

1. 다음 중 옳지 않은 것은?

① $\sqrt[3]{-64} = -4$

② $\sqrt[4]{81} = 3$

③ $\sqrt[4]{-32} = -2$

④ $-\sqrt[3]{0.008} = -0.2$

⑤ $(\sqrt[3]{2} + \sqrt[3]{3})(\sqrt[3]{9} - \sqrt[3]{6} + \sqrt[3]{4}) = 1$

해설

⑤ $(\sqrt[3]{2} + \sqrt[3]{3})(\sqrt[3]{3^2} - \sqrt[3]{3}\sqrt[3]{2} + \sqrt[3]{2^2})$
 $= \sqrt[3]{3^3} + \sqrt[3]{2^3} = 5$

