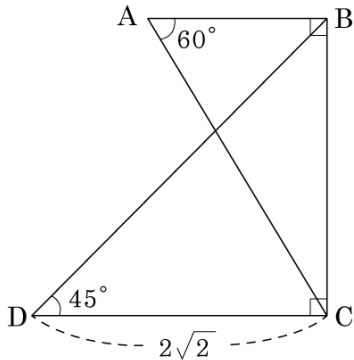


1. 다음 그림에서 $\overline{AB}$ 의 길이는?

① $\frac{7\sqrt{6}}{3}$
③ $\frac{2\sqrt{6}}{3}$
⑤ $\frac{\sqrt{6}}{2}$

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



해설

$$\overline{BC} = 2\sqrt{2}$$

$$\overline{AB} = \frac{\overline{BC}}{\tan 60^\circ} = \frac{2\sqrt{2}}{\sqrt{3}} = \frac{2\sqrt{6}}{3}$$