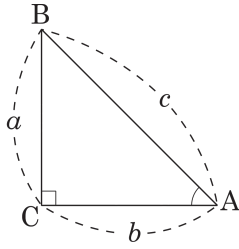


약점 보강 2

1. 다음 그림을 보고, $\sin A$, $\cos A$, $\tan A$ 의 값을 각각
바르게 구한 것은?



[배점 2, 하중]

- ① $\sin A = \frac{a}{c}$, $\cos A = \frac{b}{c}$, $\tan A = \frac{a}{b}$
② $\sin A = \frac{b}{c}$, $\cos A = \frac{a}{c}$, $\tan A = \frac{a}{b}$
③ $\sin A = \frac{a}{c}$, $\cos A = \frac{b}{c}$, $\tan A = \frac{a}{b}$
④ $\sin A = \frac{a}{c}$, $\cos A = \frac{c}{b}$, $\tan A = \frac{a}{b}$
⑤ $\sin A = \frac{a}{b}$, $\cos A = \frac{a}{c}$, $\tan A = \frac{b}{c}$

해설

$$\sin A = \frac{\text{높이}}{\text{빗변}} = \frac{a}{c}, \cos A = \frac{\text{밑변}}{\text{빗변}} = \frac{b}{c}, \tan A = \frac{\text{높이}}{\text{밑변}} = \frac{a}{b}$$