

SA #03 Trigonometric Functions

Total	points
1 Otal	ponito

5/5	



Name *	

Section *

1/1

If $\cos A = -\frac{24}{25}$ and $\cos B = \frac{3}{5}$, where $\pi < A < \frac{3\pi}{2}$ and $\frac{3\pi}{2} < B < 2\pi$, then the value of $\sin(A + B) = ----$

Option 1

Option 2

Option 3

Option 4

1/1

*

 $\sin\frac{7\pi}{12}\cos\frac{\pi}{4} - \cos\frac{7\pi}{12}\sin\frac{\pi}{4} = \dots$

 $\frac{1}{2}$

 $\frac{-1}{2}$

Option 1

Option 3

 $\frac{\sqrt{3}}{2}$

Option 2

 $\frac{-\sqrt{3}}{2}$

Option 4

1/1

If $\sin \theta = \frac{3}{5}$, $\tan \alpha = \frac{1}{2}$, $\frac{\pi}{2} < \theta < \pi < \alpha < \frac{3\pi}{2}$, then the value of $8 \tan \theta - \sqrt{5} \sec \alpha = \dots$

 $\frac{5}{4}$

 $\frac{7}{2}$

Option 1

Option 2

 $\frac{-17}{2}$

 $\frac{-7}{2}$

Option 3

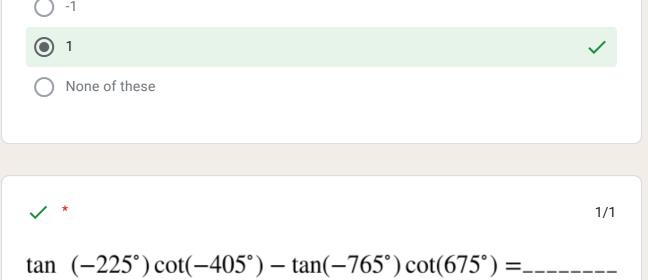
Option 4

*

1/1

 $\frac{\sin(\pi+x)\cos\left(\frac{\pi}{2}+x\right)\tan\left(\frac{3\pi}{2}-x\right)\cot(2\pi-x)}{\sin(2\pi-x)\cos(2\pi+x)\csc(-x)\sin\left(\frac{3\pi}{2}-x\right)} = \underline{\qquad}$





1

● 0

O 2

This form was created inside of Sanskriti School.

Google Forms