

#04 SA Trigonometric Functions

Total points 5/5





The respondent's email (8608@sanskritischool.edu.in) was recorded on submission of this form.

Jaskirat	
Section *	
 ○ A ○ B ○ C ○ D ○ E ○ F ○ GHI 	

✓ Q1. * $\cos 6x - \cos 8x = \underline{\hspace{1cm}}$ $2\cos 7x\cos x$ $-2\cos 7x\cos x$ Option 1 Option 2 $-2\sin 7x \sin x$ $2\sin 7x \sin x$ Option 4 Option 3

1/1

 $\frac{\sin A + \sin 3A}{\cos A - \cos 3A} =$ $\cot A$ $\cot A$



osec A

✓ Q3. *

1/1

If $A + B = \frac{\pi}{3}$ and $\cos A + \cos B = 1$, then find the value of $\cos \frac{A - B}{2}$.

1

 $\sqrt{3}$

Option 1

Option 2

 $\frac{1}{2}$

 $\frac{1}{\sqrt{3}}$

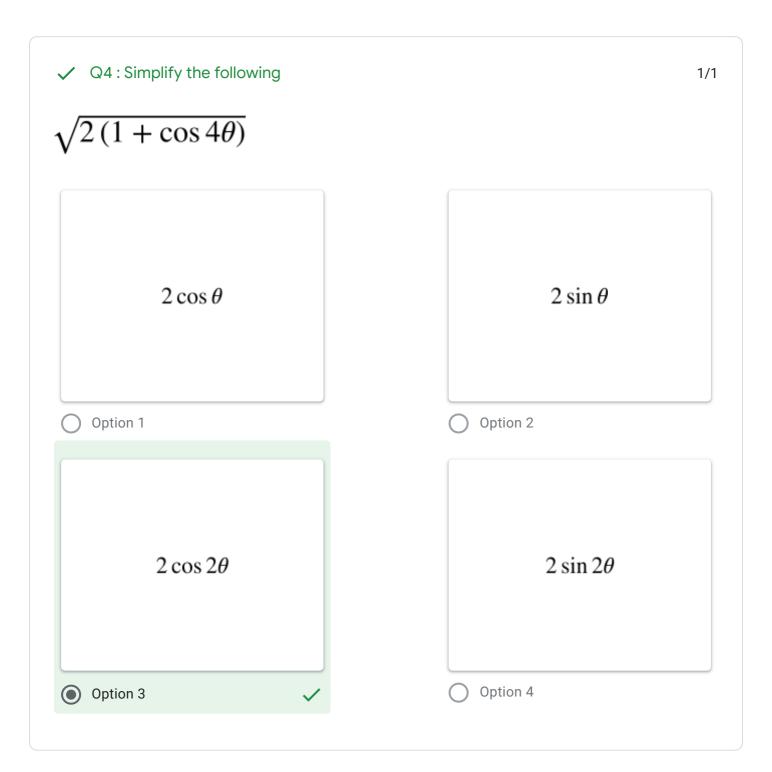
Option 3

Option 4

Feedback

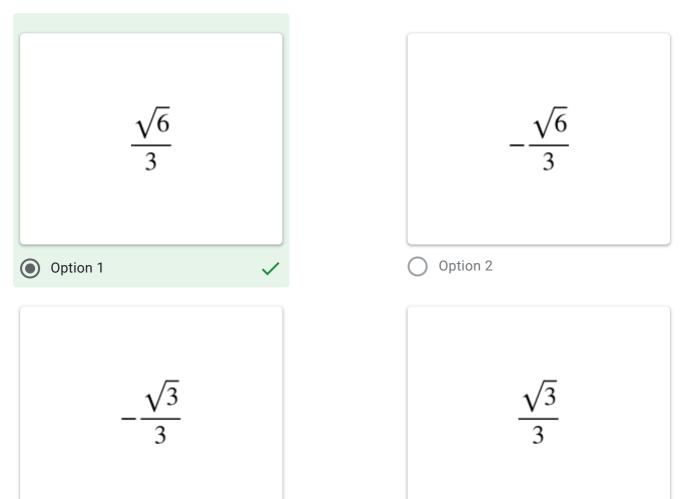
See the solution, is this what you did?

Solution



✓ Q5 * 1/1

If $\cos x = -\frac{1}{3}$ and x lies in Quadrant III, find the value of $\sin\left(\frac{x}{2}\right)$



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Option 4

Google Forms

Option 3