

[12-10-08-11T]

Trig functions

■ Find the sum of the following.

[1] $2 \cos x + 2 \sqrt{3} \sin x$

[2] $\frac{5\sqrt{3}}{2} \cos x + \frac{5}{2} \sin x$

[3] $\sqrt{2} \cos x + \sqrt{6} \sin x$

[4] $\sqrt{4} \cos x + \sqrt{12} \sin x$