

Quick Hit 7

1. Find all solutions to  $\cos(\theta) = \frac{1}{2}$

2. Compute the following

(a)  $\arcsin\left(\frac{\sqrt{3}}{2}\right)$

(b)  $\arcsin\left(-\frac{\sqrt{3}}{2}\right)$

(c)  $\arccos\left(\frac{\sqrt{3}}{2}\right)$

(d)  $\arccos\left(-\frac{\sqrt{3}}{2}\right)$

(e)  $\arctan\left(\frac{\sqrt{3}}{3}\right)$

(f)  $\arctan\left(-\frac{\sqrt{3}}{3}\right)$