



Trigonometry · Grade 12

Some answers are exact values; others are rounded (calculator approximations).

Name _____ Date _____ Score _____ / 8

01 $\cot 60^\circ =$ _____

02

$\cos \theta = \sqrt{2}/2$, solve for θ ($0^\circ \leq \theta \leq 90^\circ$) =

03 $\sin 45^\circ =$ _____

04

$\sin \theta = 1/2$, solve for θ ($0^\circ \leq \theta \leq 90^\circ$) =

05 $\tan 14^\circ \approx$ _____

06

Use a compound angle formula to find the exact value of $\cos 105^\circ$ (as $60^\circ + 45^\circ$) =

07 $\sin 30^\circ =$ _____

08

$\cos \theta = \sqrt{3}/2$, solve for θ ($0^\circ \leq \theta \leq 90^\circ$) =
