



Trigonometry · Grade 11

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

Name _____ Date _____ Score _____ / 8

01 $\sin 60^\circ =$ _____

02

Right triangle: $\angle C = 90^\circ$, $\angle A = 47^\circ$, $c = 27$. Find $a \approx$

03

Right triangle: $\angle C = 90^\circ$, $\angle A = 26^\circ$, $c = 15$. Find $a \approx$

04

Right triangle: $\angle C = 90^\circ$, $\angle A = 31^\circ$, $c = 17$. Find $b \approx$

05 $\tan 60^\circ =$ _____

06

Triangle ABC: $a = 11$, $b = 12$, $\angle C = 25^\circ$. Find c (Cosine Law) $\approx$

07 $\cos 82^\circ \approx$ _____

08 $\tan 39^\circ \approx$ _____