



Trigonometry · Grade 10

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

Name _____ Date _____ Score _____ / 8

01

Triangle ABC: $\angle A = 80^\circ$, $\angle B = 55^\circ$, $a = 13$. Find c (Sine Law) $\approx$

02

Triangle ABC: $a = 14$, $b = 14$, $\angle C = 30^\circ$. Find c (Cosine Law) $\approx$

03

Right triangle: $a = 6$, $b = 8$, $c = 10$, $\angle C = 90^\circ$. $\tan B =$

04

Right triangle: $a = 16$, $b = 30$, $c = 34$, $\angle C = 90^\circ$. $\tan B =$

05

Triangle ABC: $a = 14$, $b = 14$, $c = 11$. Find $\angle C$ (Cosine Law) $\approx$

06

Right triangle: $\angle C = 90^\circ$, $\angle A = 49^\circ$, $c = 24$. Find $b \approx$

07

Right triangle: $a = 12$, $b = 35$, $c = 37$, $\angle C = 90^\circ$. $\cos B =$

08

Triangle ABC: $\angle A = 40^\circ$, $\angle B = 80^\circ$, $a = 18$. Find b (Sine Law) $\approx$
