



Trigonometry · Grade 10

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

Name _____ Date _____ Score _____ / 8

01

Right triangle: $\angle C = 90^\circ$, $b = 12$, $c = 13$. Find $\angle A \approx$

02

Right triangle: $\angle C = 90^\circ$, $b = 16$, $c = 20$. Find $\angle A \approx$

03

Right triangle: $a = 8$, $b = 15$, $c = 17$, $\angle C = 90^\circ$. $\cos B =$

04

Right triangle: $\angle C = 90^\circ$, $a = 9$, $c = 41$. Find $\angle A \approx$

05

Triangle ABC: $a = 13$, $b = 7$, $c = 13$. Find $\angle C$ (Cosine Law) $\approx$

06

Right triangle: $\angle C = 90^\circ$, $a = 3$, $c = 5$. Find $\angle A \approx$

07

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

08

Triangle ABC: $\angle A = 55^\circ$, $\angle B = 40^\circ$, $a = 17$. Find c (Sine Law) $\approx$
