



Trigonometry · Grade 11

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

Name _____ Date _____ Score _____ / 8

01

Triangle ABC: $\angle A = 75^\circ$, $\angle B = 55^\circ$, $a = 12$. Find b (Sine Law) $\approx$

02

Right triangle: $a = 20$, $b = 21$, $c = 29$, $\angle C = 90^\circ$. $\sin B =$

03 $\cos 51^\circ \approx$ _____**04** $\cos 20^\circ \approx$ _____**05**

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

06

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

07

Triangle ABC: $a = 10$, $b = 9$, $c = 15$. Find $\angle C$ (Cosine Law) $\approx$

08 $\sin 44^\circ \approx$ _____