TRIGONOMETRY · GRADE 12

Trigonometry · Grade 12

Name _____ Date _____ Score _____ / 8

01

Right triangle: a = 12, b = 35, c = 37, ∠C = 90°. tan B = _____

02 cos 30° = _____

03 tan 45° = _____

04 cos 45° = _____

05

Right triangle: a = 12, b = 35, c = 37, ∠C = 90°. cos B = _____

06

Right triangle: a = 20, b = 21, c = 29, ∠C = 90°. sin B = _____

07 cos 60° = _____

08 tan 60° = _____

Trigonometry · Grade 12 (Answer Key)

01

Right triangle: a = 12, b = 35, c = 37, ∠C = 90°. tan B =

35/12

02 cos 30° = **√3/2**

03 tan 45° = **1**

04 cos 45° = **√2/2**

05

Right triangle: a = 12, b = 35, c = 37, ∠C = 90°. cos B =

12/37

06

Right triangle: a = 20, b = 21, c = 29, ∠C = 90°. sin B =

21/29

07 cos 60° = **1/2**

08 tan 60° = **√3**