TRIGONOMETRY · GRADE 11

Trigonometry · Grade 11

Name _____ Date _____ Score _____ / 8

01

Right triangle: a = 5, b = 12, c = 13, ∠C = 90°. cos A = _____

02 sin 45° = _____

03

Right triangle: a = 3, b = 4, c = 5, ∠C = 90°. tan A = _____

04 tan 0° = _____

05

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

06

Right triangle: a = 9, b = 12, c = 15, ∠C = 90°. sin A = _____

07 sin 30° = _____

08

Right triangle: a = 15, b = 20, c = 25, ∠C = 90°. sin B = _____

Trigonometry · Grade 11 (Answer Key)

01

Right triangle: a = 5, b = 12, c = 13, ∠C = 90°. cos A =

12/13

02 sin 45° = **√2/2**

03

Right triangle: a = 3, b = 4, c = 5, ∠C = 90°. tan A =

3/4

04 tan 0° = **0**

05

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

35/37

06

Right triangle: a = 9, b = 12, c = 15, ∠C = 90°. sin A =

3/5

07 sin 30° = **1/2**

08

Right triangle: a = 15, b = 20, c = 25, ∠C = 90°. sin B =

4/5