COSEC COT FORMULA

Cosec and Cotangent are important concepts in trigonometry. Their formulas are the reciprocals of sine and tangent, respectively. Understanding these concepts helps calculate distances. This page will provide you with information about the cosec cot formula.

Read more

Q1: What is the formula for calculating the cosecant (cosec) of an angle θ?

A: cosec(θ) = 1 / sin(θ)
B: cosec(θ) = 1 / cos(θ)
C: cosec(θ) = sin(θ)
D: cosec(θ) = cos(θ)

Q2: If sin(θ) = 0.5, what is the value of cosec(θ)?

A: 1
B: 2
C: 0.5
D: 0.25

Q3: In a right triangle, if the length of the adjacent side is four and the length of the opposite side is 3, what is the value of cot(θ), where θ is one of the acute angles?

A: 0.75
B: 1.33
C: 0.25
D: 1.0

Q4: What is the cot θ?

A: Cotangent
B: Tangent
C: Cosecant
D: Both B and C

Q5: What is cosθ?

A: Cotangent
B: Tangent
C: Cosecant
D: Both B and C

Q6: What is the formula for cosθ?

A: 1/cos
B: 1/sin
C: 1/sinθ
D: Both A and B

Q7: Trigonometry is useful in present life?

A: Yes
B: No

Q8: Where is the usefulness of trigonometry?

A: Right angle triangle
B: Science
C: Both A and B
D: Only A

Q9: What are the general mistakes in trigonometry that students commit?

A: Avoid the use of an angle
B: Confuse with the expressions
C: Not understanding the trigonometry table
D: All of the above

Q10: Cotangent is the reciprocal of tangent?

A: Yes
B: No

Answers

Q1: A - cosec(θ) = 1 / sin(θ)

Q2: B - 2

Q3: B - 1.33

Q4: B - Tangent

Q5: C - Cosecant

Q6: C - 1/sinθ

Q7: A - Yes

Q8: C - Both A and B

Q9: D - All of the above

Q10: A - Yes