Edulyte

ARCCOT FORMULA

The inverse function of the cotangent, denoted as arccot(x), is used to find the angle whose cotangent value is equal to x. By inputting a value for x, we can determine the corresponding angle. This formula is important in various trigonometry calculations.

Read more

Q1: Which of the following is the inverse function of the cotangent (cot) function?

A: arccos
B: arcsin
C: arctan
D: arccot

Q2: If arccot(x) = π/4, what is the cotangent value of x?

A: 1
B: √2
C: 2
D: 0.5

Q3: If arccot(2) = θ, what is the cotangent value of θ?

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

Q4: Find the Angle of the Triangle if the base of the angle A is 1 and the perpendicular side is √3.

A: 60°
B: 120°
C: 180°
D: 90°

Q5: Which of the following is the inverse function of the tangent (tan) function?

A: arccos
B: arcsin
C: arctan
D: arccot

Q6: If x = cot-1 (- √3/3), what is the value of x?

A: 60°
B: 90°
C: 100°
D: 120°

Q7: Find the value of A if A = cot-1(-1).

A: 130°
B: 135°
C: 150°
D: 180°

Q8: Which of the following is the inverse function of the sine (sin) function?

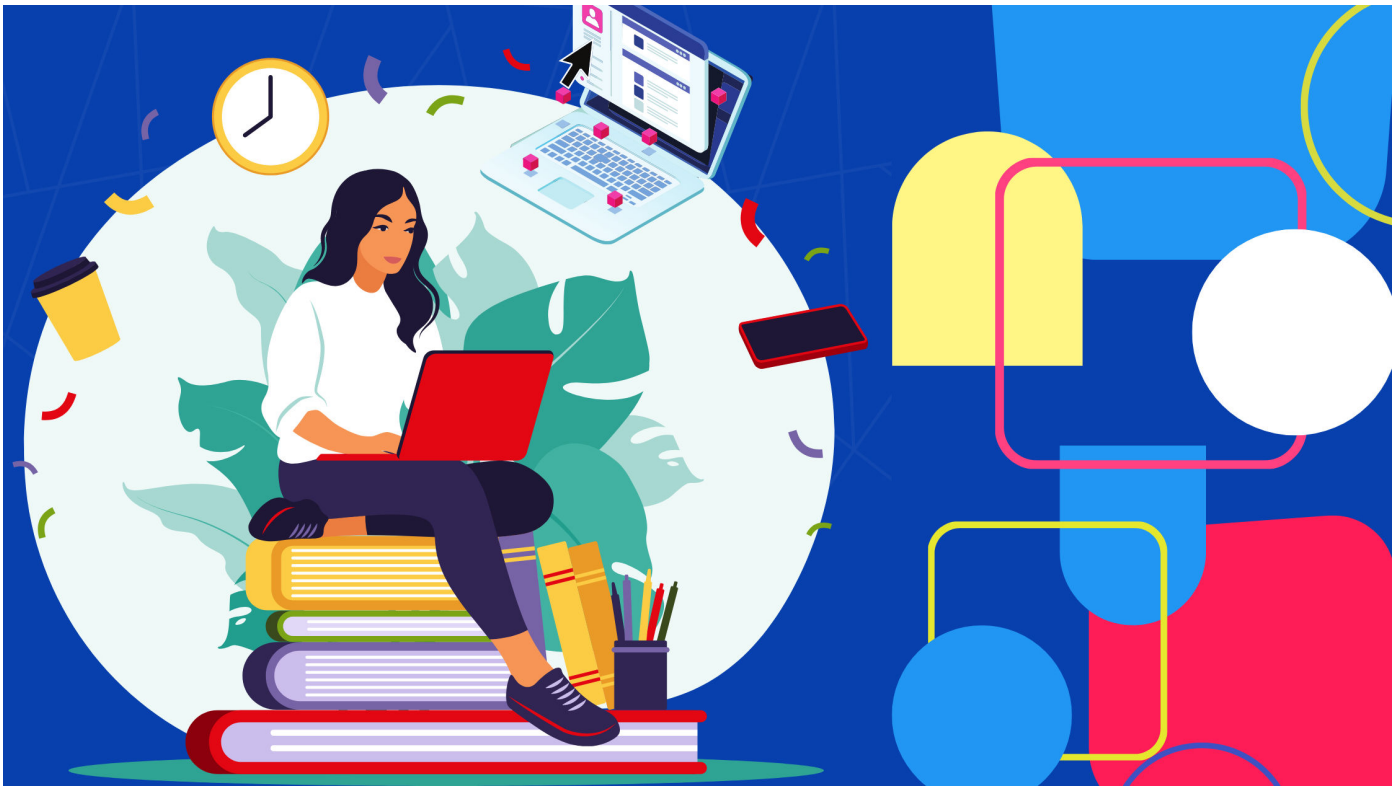
A: arcsin
B: arccos
C: arctan
D: arccot

Q9: Which of the following is the inverse function of the cosine (cos) function?

A: arcsin
B: arctan
C: arccot
D: arccos

Q10: What is the Domain of the Arccotangent?

A: Zero to infinity
B: Zero to minus infinity
C: Plus infinity to minus infinity
D: Zero to one



Answers

Q1: D - arccot

Q2: B - √2

Q3: C - 1

Q4: A - 60°

Q5: C - arctan

Q6: D - 120°

Q7: B - 135°

Q8: A - arcsin

Q9: D - arccos

Q10: C - Plus infinity to minus infinity