AP Calculus BC Practice Test Questions and Answers

1. What is d/dx [3^(x^2)]?

A) x^2 · 3^(x^2 − 1)
B) 2x · ln 3 · 3^(x^2)
C) 2x · 3^(x^2)
D) ln 3 · 3^(x^2)

2. What is d/dx [arcsin(x^2)]?

A) 2x / √(1 − x^4)
B) 2x / √(1 − x^2)
C) 1 / √(1 − x^4)
D) 2x / (1 + x^4)

3. What is lim(x→2⁻) 1/(x − 2)?

A) +∞
B) −∞
C) 0
D) 1/2

4. What is lim(x→0) sin(5x)/(2x)?

A) 2/5
B) 1
C) 5/2
D) 5

Answers: 1-B 2-A 3-B 4-C

For More AP Calculus BC Questions and Answers FREE, AP Calculus BC Online Prep Training,
AP Calculus BC Exam, AP Calculus BC Study Guide, AP Calculus BC Flashcards, AP Calculus BC Quizzes visit:

AP Calculus BC Practice Test

Practice Test Geeks © All Rights Reserved