

Math 323 - Calculus III - Section 6 - Fall 2026

Selected Solutions for Fall 2026 Quizzes

Quiz 01:

#1 -5 #2 $\langle -24, -12, 26 \rangle$ #3 $\text{False} - \text{True} - \text{False} - \text{True}$

Quiz 02:

#1 $x = 4 + 5t; y = -2t, z = -3.$ #2 $5x - 2y = 20$

#3 $\text{Elliptic Paraboloid}$ #4 -12

Quiz 03:

#1 b is true #2 $\langle 10, 2, -4 \rangle$ (use chain rule)

Quiz 04:

#1 DNE #2 1 (chain rule: $z_t = (e^x \sin y) \cdot (2st) + (e^x \cos y) \cdot (s^2)$)