

Quiz #9

Directions: Please show all your work since partial credit is given. Answers without the necessary work will receive no credit. And remember to have fun!

1. Evaluate the determinant: $\begin{vmatrix} 1 & 3 & 0 \\ 3 & 1 & -2 \\ -3 & 2 & 1 \end{vmatrix}$

2. Use Cramer's rule to find the solution of the system.

$$\begin{cases} x - 5y = -6 \\ 3x + 2y = -1 \end{cases}$$
