

Systems of Equations

A) Determine whether the ordered pair is a solution to the given system of equations.

1) $(7, -4)$; $\begin{cases} 9y + 4x = -8 \\ 6x + 5y - 42 = 0 \end{cases}$

2) $(-2, 0)$; $\begin{cases} 8c - 3d = -16 \\ 50 = -9c - 2d \end{cases}$

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2) Check whether $(-2, 1)$ is a solution to the systems of linear equations.

a) $\begin{cases} 5u + 4v - 8 = 0 \\ 2u - 5v - 1 = 0 \end{cases}$

b) $\begin{cases} -7a + 5b = 19 \\ 4a - 5b = -13 \end{cases}$