Systems of Equations

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

1) $(2, 6)$; $\begin{aligned} 39 &= 2m + 5n \\ -3m - 7n &= -50 \end{aligned}$

2) $(-1, -4)$; $\begin{aligned} -7a + 4b &= -9 \\ 6a &= -10 - b \end{aligned}$

3

B) 1

a

2) Check whether $(1, -3)$ is a solution to the systems of linear equations.

a) $\begin{aligned} 4r + 5s - 35 &= 0 \\ 4r + s - 15 &= 0 \end{aligned}$

b) $\begin{aligned} 8u &= -3v - 1 \\ 4u - v &= 7 \end{aligned}$