

Joan's Second Assessment:

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$$\begin{array}{l} 3(3x + 4y = -25) \\ 1(2x - 3y = 6) \end{array}$$

$$\begin{array}{r} 9x + 12y = -75 \\ 8x - 12y = 24 \\ \hline 17x = -51 \\ \hline 17 \quad 17 \\ x = -3 \end{array}$$

$$\begin{array}{r} x \quad 25 \\ \underline{3} \\ 75 \\ \underline{-24} \\ 51 \end{array}$$

-3, -4

$$\begin{array}{l} 2(-3x) - 3y = 6 \\ \underline{-6} - 3y = 6 \\ +6 \quad +6 \end{array}$$

$$\begin{array}{l} -3y = 12 \\ \underline{-3} \quad \underline{-3} \\ y = -4 \end{array}$$

~~3x + 4y = -25~~  
~~2x - 3y = 6~~

Check

$$\begin{array}{l} 3(-3) + 4(-4) = -25 \\ \underline{-9} \\ -9 - 16 = -25 \\ -25 = -25 \end{array}$$

$$\begin{array}{l} 2(-3) - 3(-4) = 6 \\ -6 + 12 = 6 \end{array}$$