

$$\textcircled{21} * \begin{cases} p + q = 4 \\ 4p + q = 1 \end{cases}$$

$$\rightarrow 4(-q + 4) + q = 1$$

$$\underline{-4q + 16} + q = 1$$

$$\underline{-3q + 16} = 1$$

$$\underline{-16 - 16}$$

$$\underline{-3q = -15}$$

$$\underline{-3 - 3}$$

$$\boxed{q = 5}$$

$$p + q = 4$$

$$\underline{-q - q}$$
$$p = (-q + 4)$$

$$p = -(5) + 4$$

$$p = -5 + 4$$

$$\boxed{p = -1}$$

So... the Solution is:  $(-1, 5)$

$$\textcircled{25} * \begin{array}{l} \underline{m} + 2n = 1 \\ 5m + 3n = -23 \end{array} \rightarrow 5(-2n+1) + 3n = -23$$

$$\begin{array}{r} m + 2n = 1 \\ -2n \quad -2n \\ \hline m = (-2n + 1) \end{array}$$

$$\textcircled{27} \begin{array}{l} * -3w + z = 4 \\ -9w + 5z = -1 \end{array} \rightarrow -9w + 5(3w + 4) = -1$$

$$-3w + z = 4$$

$$\begin{array}{r} +3w \quad \quad +3w \\ \hline z = (3w + 4) \end{array}$$

O.T.L.

① pg 432: 7-12 all

-you must get the  
1<sup>st</sup> problem approved  
By me Before you  
Can leave & do the rest.

② Do the CHECK for  
every system problem  
from last Night & today's