



$$\textcircled{18} \begin{cases} 3(x-y) = 0 \\ -3x-y = 2 \end{cases} \rightarrow \begin{cases} 3x-3y = 0 \\ -3x-y = 2 \end{cases}$$

$$\begin{array}{r} -4y = 2 \\ \underline{-4} \quad \underline{-4} \end{array}$$

$$y = -\frac{1}{2}$$

$$x - \left(-\frac{1}{2}\right) = 0$$

$$x + \frac{1}{2} = 0$$

$$\begin{array}{r} -\frac{1}{2} \quad -\frac{1}{2} \\ \underline{-\frac{1}{2}} \quad \underline{-\frac{1}{2}} \end{array}$$

$$x = -\frac{1}{2}$$

$$-3x - \left(\frac{1}{2}\right) = 2$$

$$-3x + \frac{1}{2} = 2$$

$$\begin{array}{r} -\frac{1}{2} \quad -\frac{1}{2} \\ \underline{-3x} \quad \underline{\frac{3}{2}} \\ -3 \quad -3 \end{array}$$

$$x = \frac{2}{2} = 1$$

$$x = \frac{1}{2}$$

$$\underline{\underline{x = -\frac{1}{2}}}$$

$$\textcircled{20} \begin{array}{l} 4(5e + 4f = 9) \rightarrow 20e + 16f = 36 \\ -5(4e + 5f = 9) \rightarrow -20e - 25f = -45 \end{array}$$

$$\begin{array}{r} -16f = -9 \\ -9f = -9 \\ \hline -9f = -9 \\ \hline f = 1 \end{array}$$

$$4e + 5(1) = 9$$

$$4e + 5 = 9$$

$$\begin{array}{r} -5 \quad -5 \\ \hline \end{array}$$

$$\frac{4e}{4} = \frac{4}{4}$$

$$e = 1$$

So... The Solution is: $(1, 1)$

22

$$9m - 3n = 20$$

$$3m + 6n = 2$$

②③

$$x - 3y = 30$$



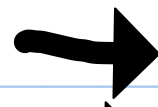
$$x + 3y = 12$$



$$(21) + 3y = 12$$

$$21 + 3y = 12$$

$$\begin{array}{r} -21 \\ \hline \end{array} \quad \begin{array}{r} -21 \\ \hline \end{array}$$



$$x - 3y = 30$$

$$+ x + 3y = 12$$

$$\hline 2x = 42$$

2

2

$$x = 21$$

25

$$y = x - 9$$
$$x + 8y = 0$$

(27) $2q = 7 - 5p$
 $4p - 16 = q$

$\rightarrow 2q = 7 - 5p$
 $+5p$

$5p + 2q = 7$

$\rightarrow 4p - 16 = q$
 $-q + 16$

$2(4p - q = 16)$

$5p + 2q = 7$
 $+8p - 2q = 32$

$13p = 39$
 $\frac{13p}{13} = \frac{39}{13}$

$p = 3$

29

$$g - 10h = 43$$

$$18 = -g + 5h$$

O.T.L. ^{Hard}

① pg 432: 13-18 all

- you must get the
2nd (#14) ~~1st~~ problem approved
By me Before you
Can leave & do the rest.

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