

2) $\begin{matrix} -1 & \rightarrow & 2 \\ 0 & \rightarrow & 3/2 \\ 2 & \rightarrow & 1/2 \end{matrix}$ 4) $\begin{matrix} -1 & \rightarrow & -5 \\ 0 & \rightarrow & -3 \\ 2 & \rightarrow & 1 \end{matrix}$ 6) $\begin{matrix} -1 & \rightarrow & -18 \\ 0 & \rightarrow & -6 \\ 2 & \rightarrow & 18 \end{matrix}$ 8) $\begin{matrix} -2 & \rightarrow & 5/2 \\ 1 & \rightarrow & 1 \\ 3 & \rightarrow & 0 \end{matrix}$

10) $\begin{matrix} -2 & \rightarrow & -7 \\ 1 & \rightarrow & -1 \\ 3 & \rightarrow & 3 \end{matrix}$ 12) $\begin{matrix} -2 & \rightarrow & -30 \\ 1 & \rightarrow & 6 \\ 3 & \rightarrow & 30 \end{matrix}$

28) $\{(0,6), (1,4), (2,2), (3,0)\}$
 30) $\{(4,4), (9,3), (14,2), (19,1), (24,0)\}$
 32) $\{(0,15), (2,10), (4,5), (6,0)\}$
 34) $\{(1,1), (1,2), (1,3), (2,1)\}$
 36) $\{(1,1), (1,2), (1,3), (2,1), (2,2), (3,1), (3,2), (4,1)\}$
 38) $\{(1,1), (1,2), (1,3), (1,4), (2,1), (2,2), (2,3)\}$

22) $\begin{matrix} 1 & \rightarrow & 0 \\ -1 & \rightarrow & 2 \\ 1/2 & \rightarrow & -6 \end{matrix}$

14)	$(0, 8/3), (2, 0), (5, -4)$
16)	$(0, -3/2), (-9, 0), (-3, -1)$
18)	$(1, 0), (-2/3, 1), (-4/3, 7/5)$
20)	$(1, 3), (0, 6), (1/3, 5)$

24) $\begin{matrix} -1 & \rightarrow & -1 \\ 0 & \rightarrow & 0 \\ 1 & \rightarrow & 0 \\ 1 & \rightarrow & 3 \\ 2 & \rightarrow & 3 \end{matrix}$ 26) $\begin{matrix} 1 & \rightarrow & -3 \\ 3 & \rightarrow & 0 \\ 5 & \rightarrow & 3 \\ 7 & \rightarrow & 6 \end{matrix}$

wp 2) 10 washers, 0 refrig.
 8 washers, 1 refrig.
 6 washers, 2 refrig.
 4 washers, 3 refrig.
 2 washers, 4 refrig.
 0 washers, 5 refrig.

4) 17 dimes, 1 qtr.
 12 dimes, 3 qtr
 7 dimes, 5 qtr
 2 dimes, 7 qtr

6) $4 \times 4 \times 7m$
 $5 \times 5 \times 5m$
 $6 \times 6 \times 3m$
 $7 \times 7 \times 1m$

8) $3x + 6y = 9$

$\begin{pmatrix} 1 \\ -2 \end{pmatrix}$

$3(-2) + 6y = 9$
 $-6 + 6y = 9$
 $6y = 15$

10) $-2x + y = -3$

$-2, 3$

$-2(-2) + y = -3$
 $4 + y = -3$
 $y = -3 - 4 = -7$

$-2(3) + y = -3$
 $-6 + y = -3$
 $y = -3 + 6 = 3$

$$14) 4x + 3y = 8$$

$$\left(0, \frac{8}{3}\right) \quad 4(\underline{0}) + \underline{3}y = \underline{8}$$

$$\left(\quad, 0\right)$$

$$\begin{aligned} \left(-3, \frac{20}{3}\right) \quad & 4(-3) + 3y = 8 \\ & -12 + 3y = 8 \\ & 3y = 8 + 12 \\ & 3y = 20 \end{aligned}$$

$$30) x + 5y = 24$$

$$\left\{ \begin{array}{l} (24, 0) \quad (9, 3) \\ (19, 1) \quad (4, 4) \\ (14, 2) \end{array} \right\}$$