

$$\begin{pmatrix} 23 \\ -4 \end{pmatrix} + \frac{4}{3}t = -\frac{12}{1} \begin{pmatrix} 3 \\ -4 \end{pmatrix}$$

$$t = 9$$

$$\begin{pmatrix} 23 \\ -1 \end{pmatrix} = \begin{pmatrix} 1 \\ -1 \end{pmatrix} - d$$

$$\begin{pmatrix} 22 \\ -1 \end{pmatrix} = \begin{pmatrix} -1 \\ -1 \end{pmatrix} d \quad d = -22$$

$$\begin{pmatrix} 23 \\ +d \end{pmatrix} = \begin{pmatrix} 1 \\ +d \end{pmatrix}$$

$$\begin{pmatrix} 23 \\ -23 \end{pmatrix} + d = \begin{pmatrix} 1 \\ -23 \end{pmatrix}$$

$$d = -22$$

$$-104 = -5p - 3p$$

$$-104 = 5p + (-3p)$$

$$\frac{-104}{-8} = \frac{-8p}{-8}$$

$$13 = p$$

$$2a + 6(a + 4) = -4$$

$$2a + (-6a) + 24 = -4$$

$$\begin{array}{r} -4a + 24 = -4 \\ -24 \quad +24 \\ \hline -4a = -28 \end{array}$$

$$\frac{-4a}{-4} = \frac{-28}{-4}$$

$$a = 7$$

$$\cancel{(3)} \times \cancel{3} (x + 3) = 5(3)$$

$$x + 3 = 15$$

$$\begin{array}{r} -3 \\ -3 \end{array}$$

$$x = 12$$

+3	→ x3
x 1/3	→ -3

$$\cancel{\left(\frac{9}{2}\right)} \times \cancel{4} = \frac{\cancel{2}}{\cancel{9}} (4y - 2) \left(\frac{\cancel{9}}{\cancel{2}}\right)$$

$$18 = 4y - 2$$

$$+2$$

$$20 = 4y$$

$$\div 4$$

$$5 = y$$

	happening	undo	
1	x4	x 1/4	3
2	-2	+2	2
3	x 2/9	÷4	1

**Worksheet:**  
**#1, 3, 5, 6, 9-14, 16-20**