$$a+3c=10 \quad a=17$$
$$+3c=-7 \rightarrow \begin{cases} a=17 \\ c=-\frac{7}{3} \end{cases}$$

$$ad-bc=-8 \Leftrightarrow 17d+\frac{7}{5}b=-8$$

$$a(1+d)-c(-3+b)$$
$$\Leftrightarrow ad+d+3c-bc$$
$$\Leftrightarrow ad-bc=-3c+d$$
$$=24$$

$$n=5 \quad Det(A)=-3$$

$$\begin{matrix} 4 & -5 \\ -2 & -1 \end{matrix} \begin{vmatrix} x \\ y \end{vmatrix} = \begin{matrix} -21 \\ 7 \end{matrix}$$

$$D=\begin{vmatrix} 4 & -5 \\ -2 & -1 \end{vmatrix} = -14$$

$$Dx=\begin{vmatrix} -21 & -5 \\ 7 & -1 \end{vmatrix} = 56$$

$$Dy=\begin{vmatrix} 4 & -21 \\ -2 & 7 \end{vmatrix} = -14$$

$$\frac{Dz}{D} = \frac{-64}{5}$$

$$\begin{array}{ccc|cc|c} x & y & z & & & \\ 3 & -2 & 1 & | & x & -19 \\ 2 & -4 & -5 & | & y & = -9 \\ 5 & -1 & -6 & | & z & 3 \end{array}$$

$$D = \begin{vmatrix} 3 & -2 & 1 \\ 2 & -4 & -5 \\ 5 & -1 & -6 \end{vmatrix} = 101$$

$$D_x = \begin{vmatrix} -19 & -2 & 1 \\ -9 & -4 & -5 \\ 3 & -1 & -6 \end{vmatrix} = -202$$

$$D_y = \begin{vmatrix} 3 & 1 & -19 \\ 2 & 5 & -9 \\ 5 & -6 & -3 \end{vmatrix} = 457$$

$$D_z = \begin{vmatrix} & & \\ & & \\ & & \end{vmatrix} =$$