Alg2 Trig Cramer's Rule Section 3.7

Solve the following using Cramer's Rule

$$5x + 4y = 28$$
$$3x - 2y = 8$$

$$x = \frac{\begin{vmatrix} 28 & 4 \\ 8 & -2 \end{vmatrix}}{\begin{vmatrix} 5 & 4 \\ 3 & -2 \end{vmatrix}} = -$$

$$y = \frac{\begin{vmatrix} 5 & 28 \\ 3 & 8 \end{vmatrix}}{\begin{vmatrix} 5 & 4 \\ 3 & -2 \end{vmatrix}} = -$$

Solve using Cramer's Rule:

$$2x - 3y + z = 5$$
$$x + 2y + z = -1$$
$$x - 3y + 2z = 1$$