3.5

$$
\begin{array}{ccc|c}
X & Y & Z & \\
3 & 2 & -1 & 1 \\
2 & 0 & -4 & 0 \\
1 & 2 & 2 & 2 \quad |\cdot(-2)
\end{array}
$$

$$
\begin{array}{ccc|c}
3 & 2 & -1 & 1 \quad |\cdot(-2) \\
2 & 0 & -4 & 0 \quad |\cdot(+3) \\
0 & -4 & -8 & -4
\end{array}
$$

$$
\begin{array}{ccc|c}
3 & 2 & -1 & 1 \\
0 & -4 & -10 & -2 \quad |\cdot(-1) \\
0 & -4 & -8 & -4
\end{array}
$$

$$
\begin{array}{ccc|c}
3 & 2 & -1 & 1 \\
0 & -4 & -10 & -2 \\
0 & 0 & +2 & -2
\end{array}
$$

$\Rightarrow 3x = 1 - 1 - 6 \Rightarrow x = \dfrac{-6}{3} \Rightarrow \underline{-2 = x}$

$\Rightarrow -4y = -2 - 10 \Rightarrow y = \dfrac{-12}{-4} \Rightarrow \underline{y = 3}$

$\Rightarrow +2z = -2 \Rightarrow \underline{z = -1}$