Name: ....

Determine whether the following system is consistent. (You do not need to completely solve it.)

$$
\begin{aligned}
2x_1 \qquad\qquad\quad - 4x_4 &= -10 \\
3x_2 + 3x_3 \qquad\quad &= \quad 0 \\
x_3 + 4x_4 &= \quad -1 \\
-3x_1 + 2x_2 + 3x_3 + \ x_4 &= \quad 5
\end{aligned}
$$