Rewrite this as the system of equations 1x + 4y + 7z = 0 2x + 8y + 14z = 0 2x + 6y + 9z = 0 3x + 6y + 9z = 0 6x + 15y + 24z = 0 3y + 6z = 0 3y + 6z = 0 -1u + 1 in 1 ignored 1Stronge, there was an obvious solution I ignored!

X1 = X = U

X2 = y = 0 or more interestingly, x2 = -2

X3 = z = 0

Since there is a solutions they are dependent. They also lived naplane, Problem 1.2

I hoblen 1,3 true.