

a)
$$\begin{pmatrix} 3x_{4} - x_{2} + x_{3} = 4; \\ 2x_{4} - 5x_{2} - 3x_{3} = 17; \\ 2x_{1} + x_{2} - x_{3} = 0; \\ 2x_{3} = 2x_{1} - x_{3} = 2x_{2} - x_{3} = 2x_{1} - x_{3} = 2x_{2} - x_{3} = 2x_{1} - x_{3} = 2x_{2} - x_{3} = 11 + x_{2} - x_{3} = 11 + x_{2} - x_{3} = 11 + x_{2} - x_{3} = 11 + x_{3} = 11$$



