10)
$$A = D - C - F = \begin{pmatrix} 2 & 0 & 0 \\ 0 & 0 & 0 \end{pmatrix} - \begin{pmatrix} 0 & 0$$

b)
$$x_{1} = \frac{1}{2}(4 - x_{3}) = 2 - \frac{1}{2}x_{3}$$
 $x_{2} = 0$
 $x_{3} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{4} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{5} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{5} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{7} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{7} = \frac{1}{2}(5 - x_{1}) = \frac{5}{2} - \frac{1}{2}x_{3}$
 $x_{7} = \frac{1}{2}(5 - x_{1}) = \frac{1}{2}x_{3}$
 $x_{7} = \frac{1}{2}(5 - x_{1}) =$

$$6s: \begin{pmatrix} g \\ o \\ o \end{pmatrix} \times_{\Lambda} = \begin{pmatrix} g \\ o \\ s/2 \end{pmatrix} \times_{\Delta} = \begin{pmatrix} s/4 \\ o \\ s/5/9 \end{pmatrix} \times_{3} = \begin{pmatrix} s/4 \\ o \\ c/5/9 \end{pmatrix} \times_{3} = \begin{pmatrix} s/4 \\ o \\ c/5/9 \end{pmatrix} \times_{4} = \begin{pmatrix} s/4 \\ o \\ c/5/9 \end{pmatrix} \times_{3} = \begin{pmatrix} s/4$$