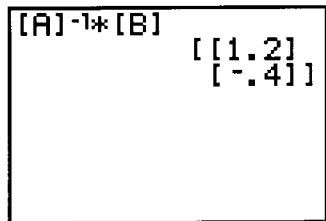


35 (a) The matrix equation and solution are

$$AX = \begin{bmatrix} 1.5 & 3.7 \\ -0.4 & -2.1 \end{bmatrix} \begin{bmatrix} x \\ y \end{bmatrix} = \begin{bmatrix} 0.32 \\ 0.36 \end{bmatrix} = B$$

(b) The solution can be expressed as  $A^{-1}B = \begin{bmatrix} 1.2 \\ -0.4 \end{bmatrix}$ . See *Figure 35*.



*Figure 35*