

State the dimensions of each matrix A . Identify the indicated element.

$$19. \begin{bmatrix} 5 & 8 & -7 \\ 1 & 11 & 3 \end{bmatrix}; a_{13}$$

$$20. \begin{bmatrix} 3 & 1 \\ -5 & 0 \\ 7 & 6 \end{bmatrix}; a_{21}$$

Solve for each variable.

$$21. \begin{bmatrix} x - 5 & 9 \\ 4 & t + 2 \end{bmatrix} = \begin{bmatrix} -7 & w + 1 \\ 8 - r & 1 \end{bmatrix}$$

$$22. \begin{bmatrix} -4 + t & 2y \\ r & w + 4 \end{bmatrix} = \begin{bmatrix} 2t & 11 \\ -2r + 12 & 9 \end{bmatrix}$$