

Name: _____ Class: _____ Date: _____

Probability & Statistics Section 4.1 Quiz Review Worksheet

Solve for the variables in the matrices.

Perform the indicated operations.

$$1. \begin{bmatrix} 3x \\ x+y \end{bmatrix} = \begin{bmatrix} 24 \\ 7 \end{bmatrix}$$

$$4. 5 \begin{bmatrix} 3 & 1 & 5 \\ -2 & 3 & -7 \end{bmatrix}$$

$$2. \begin{bmatrix} 3x-y \\ x-2y \end{bmatrix} = \begin{bmatrix} x+3 \\ y-2 \end{bmatrix}$$

$$5. 2 \begin{bmatrix} 8 & -1 \\ 3 & 4 \end{bmatrix} - 3 \begin{bmatrix} 1 & 6 \\ -2 & -3 \end{bmatrix}$$

$$3. \begin{bmatrix} 5x-7 & 11 \\ 5 & 23 \end{bmatrix} = \begin{bmatrix} 8 & 21-m \\ r^3-3 & 4y+x \end{bmatrix}$$