

Name _____

Date _____

Use the following matrices for questions #1-14.

$$A = \begin{bmatrix} 3 & 0 & -4 \\ -1 & 6 & 2 \\ 2 & 4 & 2 \end{bmatrix}$$

$$B = \begin{bmatrix} 6 & -4 \\ -2 & 3 \end{bmatrix}$$

$$C = \begin{bmatrix} -1 & 2 & 5 \\ 2 & -3 & 4 \end{bmatrix}$$

$$D = \begin{bmatrix} 1 & 10 & 2 \\ -1 & 3 & -3 \\ 0 & -2 & 4 \end{bmatrix}$$

$$E = \begin{bmatrix} 4 & 2 & -1 \\ 3 & 4 & 7 \end{bmatrix}$$

$$F = \begin{bmatrix} 1 & 8 \\ -3 & 4 \end{bmatrix}$$

$$G = \begin{bmatrix} 0 & 2 \\ -5 & 8 \\ 1 & 0 \end{bmatrix}$$

$$H = \begin{bmatrix} 3 & -1 & 6 \\ -2 & 5 & -5 \\ 0 & -7 & 3 \end{bmatrix}$$

$$I = \begin{bmatrix} 1 & -2 \\ 4 & 0 \\ -6 & 7 \end{bmatrix}$$

1. $4A$ _____

2. $C + E$ _____

3. $2D + 3A$ _____

4. $-3G$ _____

5. $E - C$ _____

6. $H + D$ _____

7. $I - G$ _____

8. $5F$ _____

9. $C - 3E$ _____

10. $2B + F$ _____

11. $A + C$ _____

12. $D + 2A$ _____

13. $C + I$ _____

14. $5F - 3B$ _____

