

Student Name: _____

Score: _____

Order of sum and Difference

1. $\begin{pmatrix} 1 & 5 & 8 \\ 4 & 0 & 5 \\ 4 & 9 & -1 \end{pmatrix} + \begin{pmatrix} 8 & 9 & 6 \\ 0 & 2 & 5 \\ 3 & 5 & 1 \end{pmatrix}$

2. $\begin{pmatrix} -2 & 3 & 5 \\ 4 & 9 & 8 \end{pmatrix} - \begin{pmatrix} 6 & 11 & 5 \\ -1 & 14 & 7 \end{pmatrix}$

3. $\begin{pmatrix} 3 & -1 \\ 16 & 0 \end{pmatrix} + \begin{pmatrix} 9 & 1 \\ -1 & 2 \end{pmatrix}$

4. $\begin{pmatrix} 1 & 3 \\ -5 & 0 \\ 0 & 6 \end{pmatrix} + \begin{pmatrix} 1 & 5 \\ 5 & 8 \end{pmatrix}$

5. $\begin{pmatrix} 5 & 3 & 5 & -9 \\ -5 & 8 & 8 & 1 \end{pmatrix} - \begin{pmatrix} 9 & 1 & 2 & 4 \\ 1 & 2 & 3 & 5 \end{pmatrix}$

6. $\begin{pmatrix} 6 & -7 & 8 \\ 4 & 0 & 5 \\ -5 & 3 & 7 \\ 4 & 5 & 8 \end{pmatrix} - \begin{pmatrix} 9 & 1 & 2 & 4 \\ 1 & 2 & 3 & 5 \end{pmatrix}$

7. $\begin{pmatrix} 0 & -9 \\ -5 & 7 \\ 4 & 6 \\ -7 & 5 \end{pmatrix} - \begin{pmatrix} -9 & 5 \\ 0 & 1 \\ 1 & 9 \\ 6 & -8 \end{pmatrix}$

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Answer Key**Order of sum and Difference**

$$1. \begin{pmatrix} 1 & 5 & 8 \\ 4 & 0 & 5 \\ 4 & 9 & -1 \end{pmatrix} + \begin{pmatrix} 8 & 9 & 6 \\ 0 & 2 & 5 \\ 3 & 5 & 1 \end{pmatrix} \quad 3 \times 3$$

$$2. \begin{pmatrix} -2 & 3 & 5 \\ 4 & 9 & 8 \end{pmatrix} - \begin{pmatrix} 6 & 11 & 5 \\ -1 & 14 & 7 \end{pmatrix} \quad 2 \times 3$$

$$3. \begin{pmatrix} 3 & -1 \\ 16 & 0 \end{pmatrix} + \begin{pmatrix} 9 & 1 \\ -1 & 2 \end{pmatrix}$$

$$4. \begin{pmatrix} 1 & 3 \\ -5 & 0 \\ 0 & 6 \end{pmatrix} + \begin{pmatrix} 1 & 5 \\ 5 & 8 \end{pmatrix}$$

$$5. \begin{pmatrix} 5 & 3 & 5 & -9 \\ -5 & 8 & 8 & 1 \end{pmatrix} - \begin{pmatrix} 9 & 1 & 2 & 4 \\ 1 & 2 & 3 & 5 \end{pmatrix}$$

$$6. \begin{pmatrix} 6 & -7 & 8 \\ 4 & 0 & 5 \\ -5 & 3 & 7 \\ 4 & 5 & 8 \end{pmatrix} - \begin{pmatrix} 1 & 2 & 3 & 5 \\ 1 & 2 & 3 & 5 \end{pmatrix}$$

$$7. \begin{pmatrix} 0 & -9 \\ -5 & 7 \\ 4 & 6 \\ -7 & 5 \end{pmatrix} - \begin{pmatrix} -9 & 5 \\ 0 & 1 \\ 1 & 9 \\ 6 & -8 \end{pmatrix} \quad 4 \times 2$$

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