

Student Name: _____

Score: _____

Order of Matrix

1. $\begin{pmatrix} 4 & 7 \\ 1 & 8 \\ 5 & 7 \end{pmatrix}$

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

3. $\begin{pmatrix} 3 & 2 \\ 6 & 7 \end{pmatrix}$

$\begin{pmatrix} 12 & 10 \end{pmatrix}$

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

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$\begin{pmatrix} 8 \\ 1 \\ 5 \\ 2 \end{pmatrix}$

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

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9. $\begin{pmatrix} 11 & -7 & -1 & 9 \\ 9 & 3 & 5 & 6 \\ 1 & 8 & -4 & 10 \end{pmatrix}$

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

Answer Key**Order of Matrix**

1. $\begin{pmatrix} 4 & 7 \\ 1 & 8 \\ 5 & 7 \end{pmatrix}$

 3×2

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

 2×3

3. $\begin{pmatrix} 3 & 2 \\ 6 & 7 \end{pmatrix}$

 2×2

4. $\begin{pmatrix} 12 & 10 \\ 1 & -3 \\ -9 & 7 \end{pmatrix}$

 4×2

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

PREVIEW

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$\begin{pmatrix} 8 \\ 1 \\ 5 \\ 2 \end{pmatrix}$

 4×3

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

 2×4

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9. $\begin{pmatrix} 11 & -7 & -1 & 9 \\ 9 & 3 & 5 & 6 \\ 1 & 8 & -4 & 10 \end{pmatrix}$

 3×4

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

 5×3