## Algebra 2 Worksheet Matrix Operations

NAME	

Simplify the equations below.

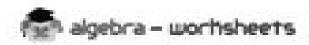
$$1. \begin{bmatrix} 3 & 4 \\ 2 & -1 \\ 1 & 0 \end{bmatrix} + \begin{bmatrix} 9 & 0 \\ 1 & -2 \\ 5 & 8 \end{bmatrix}$$

\_\_\_\_\_

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

$$\begin{bmatrix}
2 & 1 \\
-7 & 3 \\
9 & 1
\end{bmatrix}
+
\begin{bmatrix}
0 & 3 \\
5 & -3 \\
6 & 8
\end{bmatrix}$$

$$4. \begin{bmatrix}
4 & -2 \\
-6 & -2 \\
6 & -7
\end{bmatrix} + \begin{bmatrix}
6 & -2 \\
-9 & 3 \\
7 & -1
\end{bmatrix}$$



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