Student Name: _____

Score:

Addition and Subtraction of Matrices

Sheet 7

Let
$$A = \begin{bmatrix} 3 & -2 & 13 & -8 & 7 \\ 5 & 8 & 1 & 6 & -11 \end{bmatrix}$$
 and $B = \begin{bmatrix} 8 & 7 & -1 & 21 & 1 \\ -6 & 4 & 2 & 3 & 5 \end{bmatrix}$. Find A-B.

Let
$$A = \begin{bmatrix} 38 & -14 & 1 & -21 \end{bmatrix} \hat{\epsilon}$$

PREVIEW

Let $A = \begin{bmatrix} 4 & -7 \\ 6 & 13 \\ 21 & -18 \\ 2 & 5 \\ -11 & 12 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & -7 \\ 6 & 13 \\ 21 & -18 \\ 21 & 12 \end{bmatrix}$

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Let
$$A = \begin{bmatrix} 21 & 45 & 3 & 19 & -1 \\ 16 & -33 & 12 & -8 & 6 \end{bmatrix}$$
 and $B = \begin{bmatrix} 5 & 2 & -18 & 6 & 12 \\ -4 & 13 & -7 & 5 & 6 \end{bmatrix}$. Find A+B.

Student Name:

Score:

Answer key

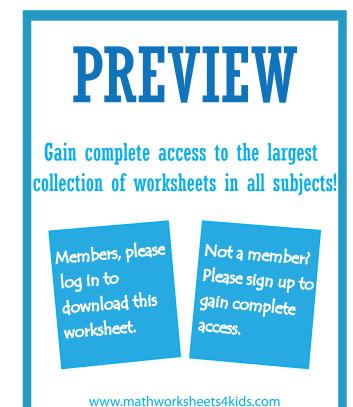
Addition and Subtraction of Matrices

Sheet 7

$$\begin{bmatrix} -5 & -9 & 14 & -29 & 6 \\ 11 & 4 & -1 & 3 & -16 \end{bmatrix}$$

[21 -45 9 -9]

 $\begin{bmatrix}
-12 & 28 \\
-12 & 14 \\
11 & -11 \\
1 & 2 \\
-2 & 13
\end{bmatrix}$



 $\begin{bmatrix} 26 & 47 & -15 & 25 & 11 \\ 12 & -20 & 5 & -3 & 12 \end{bmatrix}$