

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

### Addition of matrices

Sheet 4

Let  $A = \begin{bmatrix} 16 & 48 \\ -7 & 21 \end{bmatrix}$  and  $B = \begin{bmatrix} -17 & -23 \\ 12 & -5 \end{bmatrix}$ . Find  $A+B$ .

Let  $A = \begin{bmatrix} \frac{1}{2} & \frac{5}{3} & \frac{8}{9} \\ -\frac{3}{7} & \sqrt{3} & 12 \\ -42 & 11 & 6 \end{bmatrix}$  and  $B = \begin{bmatrix} -1 & 4 & -3 \end{bmatrix}$

Let  $A = \begin{bmatrix} \frac{2}{9} & -3 & 4 \\ \frac{7}{5} & 28 & 36 \\ -14 & -41 & 13 \end{bmatrix}$  and

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

Let  $A = \begin{bmatrix} 11 & -1 \\ -23 & 2 \end{bmatrix}$  and  $B = \begin{bmatrix} -34 & \frac{1}{2} \\ \frac{1}{3} & 5 \end{bmatrix}$ . Find  $A+B$ .

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

Answer key

## Addition of matrices

Sheet 4

$$\begin{bmatrix} -1 & 25 \\ 5 & 16 \end{bmatrix}$$

$$\begin{bmatrix} \frac{1}{4} & 3 & \frac{13}{18} \\ \frac{4}{7} & 2\sqrt{3} & 6 \\ -21 & 6 & 11 \end{bmatrix}$$

$$\begin{bmatrix} \frac{1}{2} & 28 & 12 \\ 4 & 16 & 42 \\ -17 & -34 & 31 \end{bmatrix}$$

$$\begin{bmatrix} -23 & \frac{-1}{2} \\ \frac{-68}{3} & 10 \end{bmatrix}$$

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)