



# Determinant of 2x2 Matrix

Version 1

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

Date: \_\_\_\_\_

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

Direction: Solve for the determinant of the following 2x2 matrices. Show all your work in the space provided.

1) 
$$\begin{bmatrix} 1 & 2 \\ -4 & -7 \end{bmatrix}$$

2) 
$$\begin{bmatrix} -1 & -3 \\ -2 & 6 \end{bmatrix}$$

3) 
$$\begin{bmatrix} 8 & 0 \\ 9 & -1 \end{bmatrix}$$

4) 
$$\begin{bmatrix} 0 & 1 \\ -1 & -11 \end{bmatrix}$$



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Direction: Solve for the determinant of the following 2x2 matrices. Show all your work in the space provided.

1)  $\begin{bmatrix} 1 & 2 \\ -4 & -7 \end{bmatrix}$

1

2)  $\begin{bmatrix} -1 & -3 \\ -2 & 6 \end{bmatrix}$

-12

3)  $\begin{bmatrix} 8 & 0 \\ 9 & -1 \end{bmatrix}$

-8

4)  $\begin{bmatrix} 0 & 1 \\ -1 & -11 \end{bmatrix}$

1