



Determinant of 2x2 Matrix

Version 2

Name: _____

Date: _____

Score: _____

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

1) $\begin{bmatrix} 11 & -6 \\ 5 & 1 \end{bmatrix}$

2) $\begin{bmatrix} -7 & 4 \\ 3 & -5 \end{bmatrix}$

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

4) $\begin{bmatrix} \frac{1}{2} & \frac{2}{3} \\ -6 & -4 \end{bmatrix}$



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

1) $\begin{bmatrix} 11 & -6 \\ 5 & 1 \end{bmatrix}$

41

2) $\begin{bmatrix} -7 & 4 \\ 3 & -5 \end{bmatrix}$

23

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

0

4) $\begin{bmatrix} \frac{1}{2} & \frac{2}{3} \\ -6 & -4 \end{bmatrix}$

2