



Math worksheet on 'Matrices - Find Determinant (2x2) (Level 1)'. Part of a broader unit on 'Matrices'

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1 Find the determinant of this matrix

$$\begin{bmatrix} 5 & 1 \\ 9 & 8 \end{bmatrix}$$

a	b	c
40	31	25
d	e	f
19	47	37

2 Find the determinant of this matrix

$$\begin{bmatrix} 0 & 7 \\ 9 & 8 \end{bmatrix}$$

a	b
-88	-69
c	d
-32	-63
e	f
-38	not defined

3 Find the determinant of this matrix

$$\begin{bmatrix} 2 & 0 & 2 \\ 8 & 2 & 1 \end{bmatrix}$$

a	b
-13	21
c	d
not defined	-1
e	f
-17	1

4 Find the determinant of this matrix

$$\begin{bmatrix} 8 & 9 \\ 9 & 8 \end{bmatrix}$$

a	b	c
-12	-22	-10
d	e	f
-14	-20	-17

5 Find the determinant of this matrix

$$\begin{bmatrix} 9 & 3 \\ 5 & 1 \end{bmatrix}$$

a	b
-9	-8
c	d
-6	-7
e	f
-4	not defined

6 Find the determinant of this matrix

$$\begin{bmatrix} 1 & 2 & 4 \\ 0 & 9 & 2 \end{bmatrix}$$

a	b
-10	8
c	d
7	20
e	f
not defined	2

7 Find the determinant of this matrix

$$\begin{bmatrix} 7 & 9 \\ 5 & 2 \end{bmatrix}$$

a	b	c
-28	-22	-47
d	e	f
-25	-31	-43