

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

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

**Evaluate the Determinants**

Integers: S4

Evaluate the following determinants:

$$\begin{vmatrix} 21 & 19 \\ 33 & 22 \end{vmatrix} = \boxed{\phantom{000}}$$

$$\begin{vmatrix} 17 & 21 \\ -3 & -5 \end{vmatrix} = \boxed{\phantom{000}}$$

$$\begin{vmatrix} 12 & -5 \\ -17 & 9 \end{vmatrix} = \boxed{\phantom{000}}$$

$$\begin{vmatrix} 31 & 4 \\ -16 & 3 \end{vmatrix} = \boxed{\phantom{000}}$$

$$\begin{vmatrix} -9 & 7 \\ -32 & 22 \end{vmatrix} = \boxed{\phantom{000}}$$

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

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

Answer key

Evaluate the Determinants

Integers: S4

$$\begin{vmatrix} 21 & 19 \\ 33 & 22 \end{vmatrix} = -165$$

$$\begin{vmatrix} 17 & 21 \\ -3 & -5 \end{vmatrix} = -22$$

$$\begin{vmatrix} 12 & -5 \\ -17 & 9 \end{vmatrix} = 23$$

$$\begin{vmatrix} 31 & 4 \\ -16 & 3 \end{vmatrix} = 157$$

$$\begin{vmatrix} -9 & 7 \\ -32 & 22 \end{vmatrix} = 26$$

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