

Determinants Color-by-Numbers

Date _____ Period _____

Evaluate each determinant, then color the area indicated by the question with the color in the answer on the "Election 2016" coloring page.

1) $\begin{vmatrix} 2 & 0 \\ -4 & -2 \end{vmatrix}$

- A) 4 Tan B) -12 Black
C) -2 Brown D) -4 Grey

2) $\begin{vmatrix} 0 & -1 \\ 5 & -5 \end{vmatrix}$

- A) -15 Black B) -5 Tan
C) 10 Grey D) 5 Brown

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

- A) -8 Black B) -4 Tan
C) 8 Brown D) -6 Grey

4) $\begin{vmatrix} -3 & -3 \\ 5 & 4 \end{vmatrix}$

- A) 3 Black B) -13 Gold
C) 17 Brown D) -27 White

5) $\begin{vmatrix} -3 & -1 \\ -2 & 5 \end{vmatrix}$

- A) -9 Red B) -13 Blue
C) -17 Purple D) 13 Green

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

- A) 26 Black B) 24 Grey
C) -17 Yellow D) -24 White

Evaluate each determinant, then color the area indicated by the question with the color in the answer on the "Election 2016" coloring page.

7) $\begin{vmatrix} 5 & -5 & 0 \\ 2 & 1 & 0 \\ -2 & 1 & 5 \end{vmatrix}$

- A) -25 Blue B) 75 Gold
C) 80 Silver D) 71 Bronze

8) $\begin{vmatrix} 1 & -5 & 1 \\ 1 & -2 & 2 \\ -1 & 2 & 4 \end{vmatrix}$

- A) 26 Green B) 18 Red
C) 38 Yellow D) -26 Blue

9) $\begin{vmatrix} -3 & 4 & -1 \\ 3 & 0 & -3 \\ 2 & 1 & -4 \end{vmatrix}$

- A) -36 Green B) 84 Red
C) 60 Orange D) 12 Blue

10) $\begin{vmatrix} 1 & -2 & -5 \\ 1 & -5 & 1 \\ 2 & -2 & -4 \end{vmatrix}$

- A) 78 Blue B) -135 Yellow
C) -30 Green D) 90 Red