

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix}$$

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix} = 1 - 6i$$

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix} = 1 - 6i$$

$$\det \begin{bmatrix} 2 & 8 & 9 & 14 \\ 0 & i & (7-i) & 32 \\ 0 & 0 & (5+i) & 5 \\ 0 & 0 & 0 & 7 \end{bmatrix}$$

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix} = 1 - 6i$$

$$\det \begin{bmatrix} 2 & 8 & 9 & 14 \\ 0 & i & (7-i) & 32 \\ 0 & 0 & (5+i) & 5 \\ 0 & 0 & 0 & 7 \end{bmatrix} = (2)(i)(5+i)(7) = -14 + 70i$$

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix} = 1 - 6i$$

$$\det \begin{bmatrix} 2 & 8 & 9 & 14 \\ 0 & i & (7-i) & 32 \\ 0 & 0 & (5+i) & 5 \\ 0 & 0 & 0 & 7 \end{bmatrix} = (2)(i)(5+i)(7) = -14 + 70i$$

$$\det \begin{bmatrix} 1 & 0 & 0 & 9 & 2 \\ 2 & 5 & i & 7 & 9 \\ 10 & i & 0 & 48 & 7i \\ 0 & 0 & 0 & (4i+1) & 0 \\ 2 & 0 & 0 & 18 & 1 \end{bmatrix}$$

$$\det \begin{bmatrix} i & 2 & 3 \\ 3 & 1 & 2 \\ 2 & 0 & i \end{bmatrix} = 1 - 6i$$

$$\det \begin{bmatrix} 2 & 8 & 9 & 14 \\ 0 & i & (7-i) & 32 \\ 0 & 0 & (5+i) & 5 \\ 0 & 0 & 0 & 7 \end{bmatrix} = (2)(i)(5+i)(7) = -14 + 70i$$

$$\det \begin{bmatrix} 1 & 0 & 0 & 9 & 2 \\ 2 & 5 & i & 7 & 9 \\ 10 & i & 0 & 48 & 7i \\ 0 & 0 & 0 & (4i+1) & 0 \\ 2 & 0 & 0 & 18 & 1 \end{bmatrix} = -3 - 12i$$

$$\det \begin{bmatrix} -1 & 0 & 2 & i \\ -2 & 1 & 4 & 2i \\ 0 & 1 & i & -i \\ 1 & 0 & 2 & 3 \end{bmatrix}$$

$$\det \begin{bmatrix} 2 & i & 3 & i & 4 \\ 2i & 5 & 3i & 6 & 4i \\ 2 & (6+i) & 3 & (7+i) & 4 \\ 5 & 8 & 9 & (i+1) & (i+2) \\ 5 & 8 & 9 & 5 & -7 \end{bmatrix}$$

Each row operation: 1 move

Each determinant: 1 move

Each expansion across a row or column: 1 move

$$\det \begin{bmatrix} -1 & 0 & 2 & i \\ -2 & 1 & 4 & 2i \\ 0 & 1 & i & -i \\ 1 & 0 & 2 & 3 \end{bmatrix}$$

$$\det \begin{bmatrix} 2 & i & 3 & i & 4 \\ 2i & 5 & 3i & 6 & 4i \\ 2 & (6+i) & 3 & (7+i) & 4 \\ 5 & 8 & 9 & (i+1) & (i+2) \\ 5 & 8 & 9 & 5 & -7 \end{bmatrix}$$

Each row operation: 1 move

Each determinant: 1 move

Each expansion across a row or column: 1 move

$$\det \begin{bmatrix} -1 & 0 & 2 & i \\ -2 & 1 & 4 & 2i \\ 0 & 1 & i & -i \\ 1 & 0 & 2 & 3 \end{bmatrix}$$

Candy for 5 moves or less.

$$\det \begin{bmatrix} 2 & i & 3 & i & 4 \\ 2i & 5 & 3i & 6 & 4i \\ 2 & (6+i) & 3 & (7+i) & 4 \\ 5 & 8 & 9 & (i+1) & (i+2) \\ 5 & 8 & 9 & 5 & -7 \end{bmatrix}$$

Candy for 3 moves or less

Each row operation: 1 move

Each determinant: 1 move

Each expansion across a row or column: 1 move

$$\det \begin{bmatrix} -1 & 0 & 2 & i \\ -2 & 1 & 4 & 2i \\ 0 & 1 & i & -i \\ 1 & 0 & 2 & 3 \end{bmatrix} = 1 - 7i$$

Candy for 5 moves or less.

$$\det \begin{bmatrix} 2 & i & 3 & i & 4 \\ 2i & 5 & 3i & 6 & 4i \\ 2 & (6+i) & 3 & (7+i) & 4 \\ 5 & 8 & 9 & (i+1) & (i+2) \\ 5 & 8 & 9 & 5 & -7 \end{bmatrix} = 0$$

Candy for 3 moves or less

$$\det \begin{bmatrix} 0 & 2 & (8+i) & 3 & 4 \\ 1 & 0 & 0 & 0 & 0 \\ 8 & 10 & 10i & 0 & 0 \\ 9 & (5+i) & -7 & i & 0 \\ 3 & i & 0 & 0 & 0 \end{bmatrix}$$

$$\det \begin{bmatrix} 0 & 2 & (8+i) & 3 & 4 \\ 1 & 0 & 0 & 0 & 0 \\ 8 & 10 & 10i & 0 & 0 \\ 9 & (5+i) & -7 & i & 0 \\ 3 & i & 0 & 0 & 0 \end{bmatrix}$$

Candy for 3 moves or less

$$\det \begin{bmatrix} 0 & 2 & (8+i) & 3 & 4 \\ 1 & 0 & 0 & 0 & 0 \\ 8 & 10 & 10i & 0 & 0 \\ 9 & (5+i) & -7 & i & 0 \\ 3 & i & 0 & 0 & 0 \end{bmatrix} = -40i$$

Candy for 3 moves or less