If

$$A = \begin{bmatrix} -3-2i & -1-3i \\ -2+3i & -2+3i \end{bmatrix},$$

then $|A| =$ [ ].

If

$$A = \begin{bmatrix} -3-2i & -1-3i \\ -2+3i & -2+3i \end{bmatrix},$$

then $|A| =$ $\boxed{1-8i}$.