

Name:

## Linear Algebra II - Quiz 8

All the solutions should be properly justified and explained. Clarity of the presentation will also be rewarded.

The maximal number of points awarded is 10.

Compute the area of the pentagon with vertices

$$\begin{bmatrix} 1 \\ 2 \end{bmatrix}, \begin{bmatrix} -1 \\ 3 \end{bmatrix}, \begin{bmatrix} -5 \\ 0 \end{bmatrix}, \begin{bmatrix} -3 \\ -2 \end{bmatrix}, \begin{bmatrix} 2 \\ -3 \end{bmatrix}$$