

Name: _____
Student ID: _____

Quiz 6

Question 1. (7 marks) Given:

$$A = \begin{bmatrix} 2 & -3 & 5 \\ 0 & 1 & -3 \\ 0 & 0 & 2 \end{bmatrix}$$

(a) Find $\text{Adj}(A)$.**(b)** Use part **(a)** to find A^{-1} .**Question 2.** (3 marks) A and B are 3×3 invertible matrices such that $\det A = -5$ and $\det B = 2$. Find:

$$\det((2A)^T B^{-1})$$