🕼 Quiz: Sections 3.3	Linear Algebra	October 4, 2018
Name:	MATH 310 R. Hammack	Score:

- 1. Suppose A and B are 4×4 matrices for which $|A| = \frac{1}{2}$ and |B| = 6.
 - (a) |AB| =
 - (b) $|A^{-2}| =$
 - (c) $|BAB^{-1}| =$
 - (d) |-A| =
 - (e) Suppose $C^2 = A^2 B^T$. Find |C|.

2. Find all values of x for which the matrix $X = \begin{bmatrix} x-1 & x+4 \\ 3 & x \end{bmatrix}$ is invertible.