

Quiz: Section 3.2

Name: _____

Signature: _____

SHOW ALL YOUR WORK!

Let A be a 4×4 matrices, with $\det A = -3$ and $\det B = 4$. Use properties of the determinant to compute:

(a) $\det AB$

(b) $\det 2A$

(c) $\det A^T B A$

(d) $\det A^3$