

Math 4133 - Linear Algebra

Quiz #9 - 2014.02.26

Name: _____

Consider the vectors: $\vec{u} = \langle 1, 2, -1 \rangle$, $\vec{v} = \langle 1, 0, 1 \rangle$ for the following problems.

1. Compute $\vec{u} \times \vec{v}$.

2. Compute $\vec{v} \times \vec{u}$.

3. Compute $|\vec{u} \times \vec{v}|$.

4. Compute $5\vec{u} \times 3\vec{v}$.