

Quiz 1

Name: _____

Math 568

January 7, 2008

$$\mathbf{u} = [-1, 2, 3], \quad \text{and} \quad \mathbf{v} = [0, 1, 1]$$

1. (5 points). Calculate the following:

a) $3\mathbf{u} - \mathbf{v} =$

b) $|\mathbf{u}| =$

c) $\mathbf{u} \cdot \mathbf{v} =$