

Math 1613 - Trigonometry

Quiz #25 - 2011.11.15

Name: _____

1. Simplify i^{2011} .

2. Show that the following three vectors are mutually perpendicular:

$$\vec{u} = \langle 1, 0, -1 \rangle, \quad \vec{v} = \langle 0, 1, 1 \rangle, \quad \vec{w} = \langle 1, -1, 1 \rangle$$