**Analytic Trigonometry** **Unit 10 Readings:**

**Angle Between Two Vectors**

The **angle θ between two vectors** can be found using: θ = arccos$\left(\frac{\vec{u} • \vec{v}}{||\vec{u}||×||\vec{v}|| }\right)$

Log on to the Internet and go to:

http://phet.colorado.edu/index.php

Under "How to Run Simulations" click "One at a Time"

Near the bottom of the list, click on "Vector Addition"

In this simulation, you can stretch the vectors to change their magnitude and rotate and move the vectors to change their direction and location.