**MAH- Unit 7**

**Can you . . .**

* **Use vector notation**
* **Find magnitude and direction of a vector**
* **Find the resultant speed and direction in a navigation problem**
* **Find a direction angle and a navigational angle**
* **Find the resultant force and direction in a force problem**
* **Use the dot product to determine the relationship between two vectors**
* **Find the angle between two vectors**
* **Decide whether vectors are orthogonal, parallel, or neither**
* **Find a real number k such that the vectors u and v are orthogonal**