Physics 1114 - General Physics I Quiz #6 - 2012.06.13 Name:

| | Name: |
|------------------------------|-------|
| 1. State Newton's First Law. | |

2. If an object is traveling with a constant velocity \overrightarrow{v} along a perfectly circular path of radius R, what is the relationship between the object's acceleration \overrightarrow{a} its velocity v and the radius of the orbit R?