

Name: \_\_\_\_\_

### **Five Situations**

Make motion maps, position vs. time & velocity vs. time graphs for the following situations:

1. An ice skater gliding across very smooth ice.
2. A train going very fast in a straight line to the west.
3. A train going very slow in a straight line to the east.
4. A coffee cup sitting on a table.
5. A coffee cup sitting on a table in a train which is moving very fast to the east.