

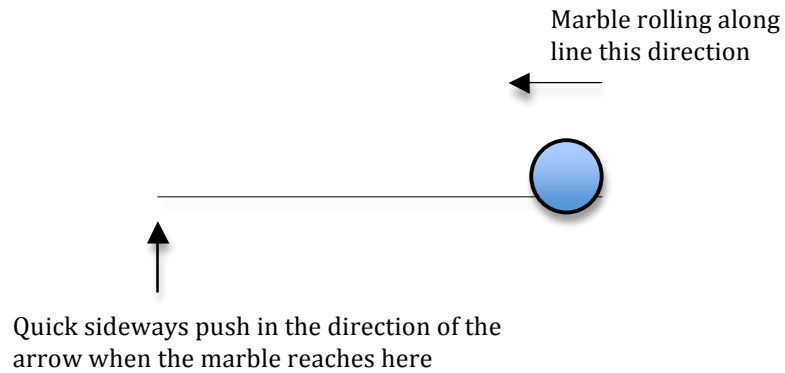
Name:

Prediction Sheet: 2-D Force and Motion

For prediction #1, draw the path that you think the marble will take after it is pushed by the sideways force.

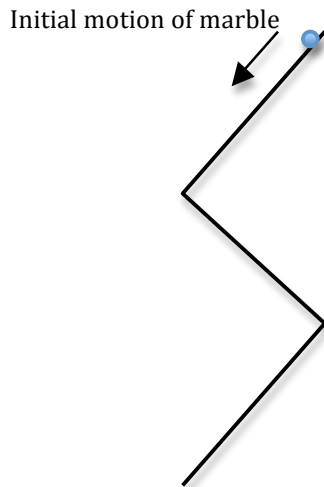
Prediction #1: A Sideways Force on a Moving Marble

**What path does the marble take after the quick push?**



For predictions #2 and #3, show the different places where you would use a straw to briefly blow on the moving marble to keep it moving on the path. For each puff of air (each blow with the straw), use an arrow to show the location and direction of the puff.

Prediction #2: Keeping a Marble on a Zig-Zag Path



Prediction #3: Keeping a Marble on an L-Shaped Path

