

Station B—Gravity

1. Suspend the washer on the string at a height of 1 m. Let go of the string.

Describe the forces acting on the washer. _____

2. Lift the end of the meter stick that has the pinewood racer up 0.5 m while letting the other end of the meter stick rest on the table.

Describe the forces acting on the pinewood racer. _____

3. Draw a diagram in the space below of the pinewood racer on the meter stick. Identify, using arrows (vectors), the direction of each of the forces acting on the object(s).