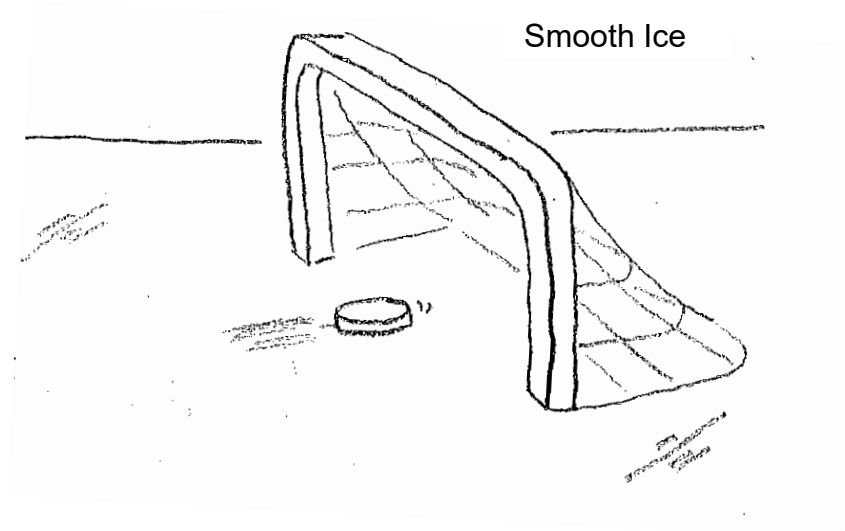


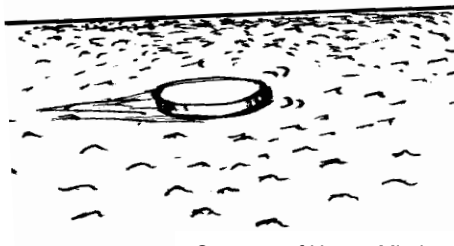
Friction and Sliding Hockey Pucks

Scenario: Two identical hockey pucks glide over different surfaces: smooth ice and playground asphalt.

Draw all of the forces acting on the hockey pucks.



Playground Asphalt



Courtesy of Hector Mireles

Questions

1. What forces are acting on each hockey puck?

2. What is the direction of each force?

3. What is the net force acting on each puck? Why?

4. Which puck experiences a greater change in motion (acceleration)? Why?
