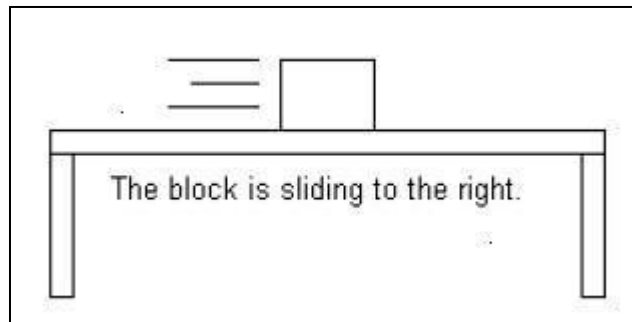


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

# Friction Force Pre-Assessment

1. Define friction:
2. When you slide a book along a table, does friction make the book go faster or slower?
3. The block below is sliding to the right on a table. Which way does the force of friction act?



4. Which of the following has a **GREATER** friction force (circle on):
  - a. Riding a bike on tile floors.
  - b. Riding a bike outside on grass.
5. Why do you think engineers would design car tires to have a rubber coating?
6. Did working with robotics help you understand friction? Please explain.