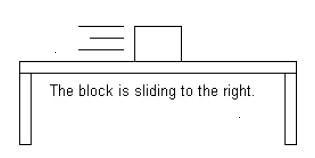
**Friction Force Pre-Assessment**

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?



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