**Friction Force Pre-Assessment ANSWER KEY**

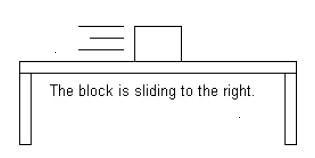
1. Define friction:

**Friction is a force that causes change in motion. This is because friction opposes the relative motion of surfaces in contact.**

1. When you slide a book along the table, does friction make the book go faster or slower?

**Friction makes the book go slower because it opposes the motion of the book. In fact, the book will eventually come to a stop due to friction**.

1. The block below is sliding to the right on a table. In which direction does the friction force act?



**The friction force acts to the left so that it slows the block down.**

1. Which of the following scenarios has a **GREATER** friction force (circle one):
   1. Riding a bike on tile flooring.
   2. **Riding a bike outside on the grass.**