

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

## Friction Force Pre-Assessment **ANSWER KEY**

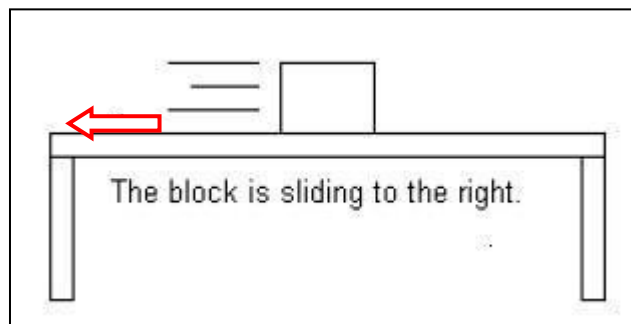
1. Define friction:

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

2. 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.**

3. 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.**

4. Which of the following scenarios has a **GREATER** friction force (circle one):

a. Riding a bike on tile flooring.

**b. Riding a bike outside on the grass.**