

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

## How Far? Worksheet

1. What is friction?

2. Record your measurements in the table below.

Trial	Stretched Distance (cm)
Regular Tabletop	
Wax Paper	
Sandpaper	

3. Why was the length of the rubber band different for the three different surfaces?

4. What other materials would cause a lot of friction on the card?

5. What other materials would cause little friction on the card?

6. Make a bar graph of your results on the axis below, using the data from the table in Question 2. Label the horizontal axis with the three different surfaces you tested, and the vertical axis “centimeters.”



7. Which surface had the greatest amount of friction?  
(Hint: which rubber band stretched farthest?)