

Friction

1. Make a ramp one-book high. Stick the washer stack on the square to be tested. Put it at the top of the ramp. If it does not start to slide, add another book to make the ramp steeper. Keep adding books until the washer stack starts to slide. Write the number of books needed in the data chart. Repeat with the other two squares.

Surface	Number of Books Needed to Make the Washers Slide
Aluminum foil	
Waxed paper	
Sandpaper	

2. Which surface caused the most friction? How do you know?

3. Which surface caused the least friction? How do you know?
