

# Friction

$$\text{Work} = \text{Force} \times \text{distance}$$

1. Record your observations in the table below. For each surface tested, calculate the amount of work performed.

Surface tested	Force (newtons)	distance (meters)	Work (joules)
wooden board			
sandpaper			
waxed paper			

2. On which surface was the most amount of work done by moving the book? Why?

---

---

---

---