

WorksheetCloud: MEMORANDUM

Grade: 8

Subject: Natural Sciences

Topic: Friction and Forces

Activity 1

You have dragged the surface of the plastic comb against the surfaces of your hair.

When two surfaces are rubbed together there is friction between them. Friction is a resistance against the movement of an object as a result of its contact with another object. This means that when you rubbed the plastic comb along your hair, your hair resisted the movement of the comb and slowed it down.

The friction between two surfaces can cause electrons to be transferred from one surface to the other.



1. Which object gave up some of its electrons in the diagram?

hair

2. Does this object now have more positive or more negative charges?

Hair has a positive charge

Comb has a negative charge

3. Which object gained electrons in the diagram?

comb

4. Does this object now have more positive or more negative charges?

Hair