

## "Shocking" Experiments and Observations

A. Rub the comb with the cloth, then hold the comb close to the bits of paper.

What happened? \_\_\_\_\_

\_\_\_\_\_

Was energy used? \_\_\_\_\_

What form(s) of energy was demonstrated? \_\_\_\_\_

How is this similar to a magnet? \_\_\_\_\_

\_\_\_\_\_



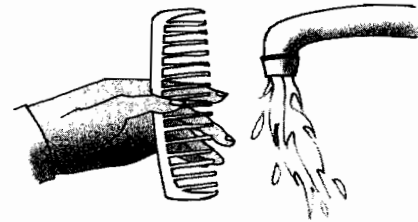
B. Turn on the faucet so that a very small stream of water is flowing. Rub the comb with the cloth. Hold the comb near the stream of water.

What did you observe? \_\_\_\_\_

\_\_\_\_\_

Explain what happened! \_\_\_\_\_

\_\_\_\_\_



C. Put your hand in the stocking then rub the cloth and the stocking together. Hold your hand in the stocking close to your ear and wiggle your fingers.

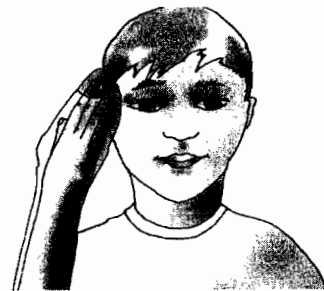
What did you observe? \_\_\_\_\_

\_\_\_\_\_

Can you think of something similar? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



D. Rub the balloon with the cloth, then hold the balloon against the wall and let go.

What happened? \_\_\_\_\_

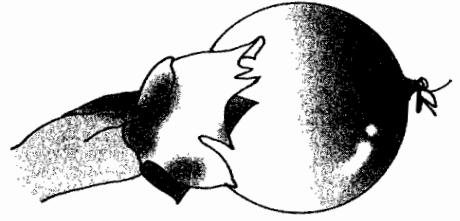
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Why? \_\_\_\_\_

\_\_\_\_\_

Does this resemble another experiment? \_\_\_\_\_

\_\_\_\_\_



E. Rub each balloon with a different cloth, then holding the strings, bring the balloons close together.

What did you observe? \_\_\_\_\_

\_\_\_\_\_

How can you explain this? \_\_\_\_\_

\_\_\_\_\_

