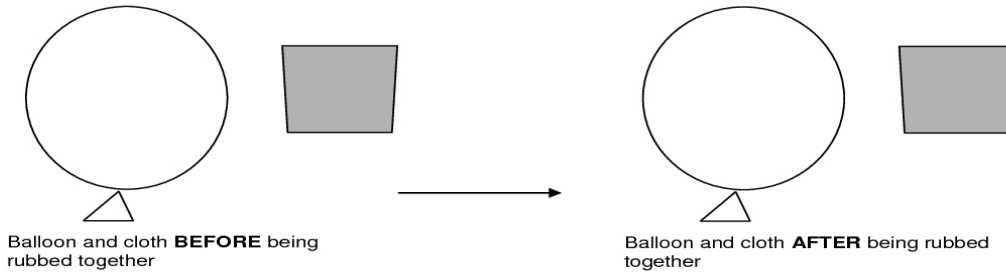


## Static Electricity Worksheet

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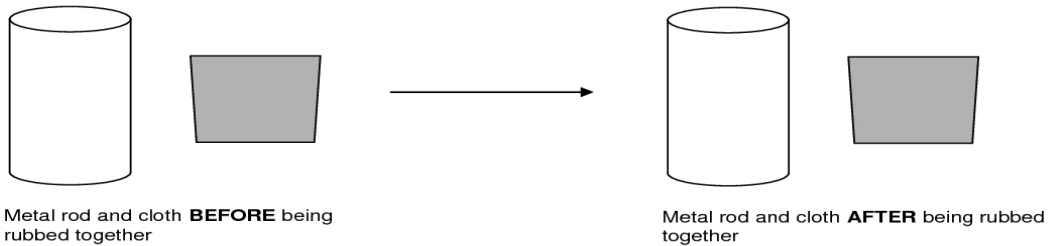
### POINT ONE: Static electricity needs an insulator

A balloon is an *insulator*, this means that electrons are not free to move on its surface. They are stuck in one place.



The build-up of negative charges also called \_\_\_\_\_ in one place is called static electricity. It is called “static” because it does not move around. The negative charges do not move around because they are on a balloon which is made of rubber. Because of this rubber is known as an \_\_\_\_\_.

### POINT TWO: Conductors cannot have static electricity



Metal is a \_\_\_\_\_, a substance which lets negative charges (also known as \_\_\_\_\_) move around freely. Because of this, negative charges do not build up in one place, and \_\_\_\_\_ electricity cannot be created.