

# Charging By Friction

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Record this in  
your notes

# Charging by Friction

- \* Charging by friction is seen when static charges build up on different materials that are rubbed together.



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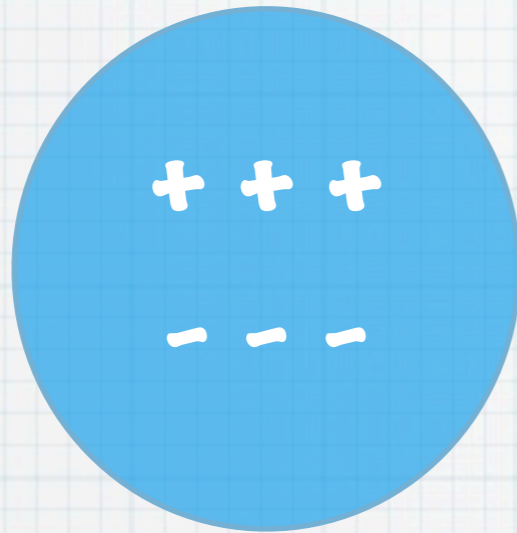
# Charging by Friction

- \* One material has a stronger attraction for electrons and will pull electrons from the other material.
- \* The object that pulls electrons will become **NEGATIVE**, and the object that gives up electrons will become **POSITIVE**

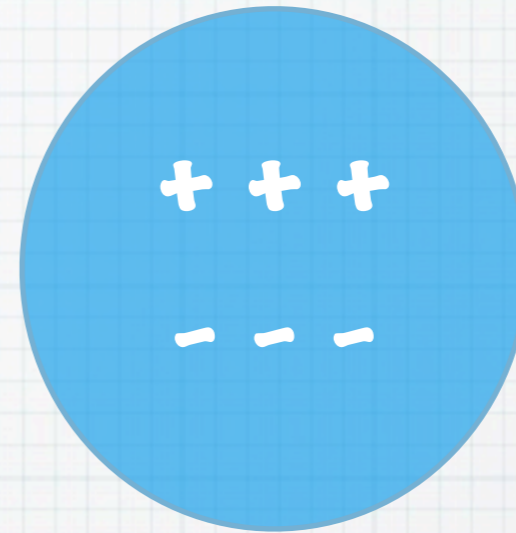


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Neutral



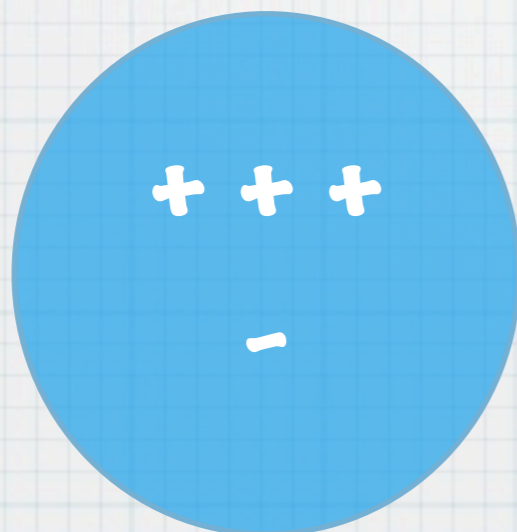
Neutral



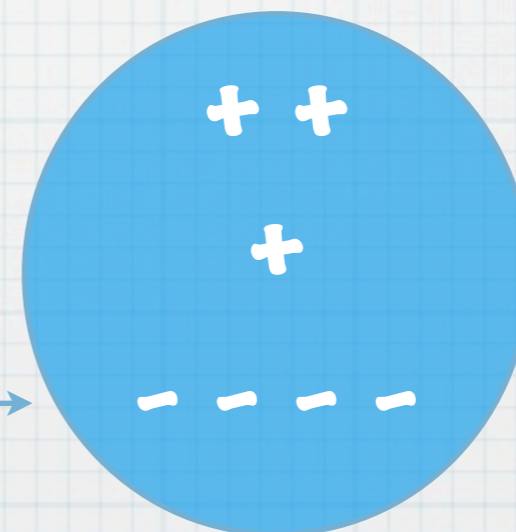
RUB TOGETHER



Positive



Negative



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# Electrostatic Series

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# Electrostatic Series

- \* We use the electrostatic series to predict which material will gain which charge.