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| **Charging By Conduction aka Contact** |

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| Before | During | After |

**Charging By Conduction aka Contact – Using a Negatively Charged Object**

Before contact, the ebonite rod was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the electroscope was \_\_\_\_\_\_\_\_\_\_\_\_\_. I could tell this because the leaves hung down. After contact, electrons from the ebonite rod moved into the electroscope,

making it \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Because the leaves were \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, they repelled each other.

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| Before | During | After |

**Charging By Conduction aka Contact – Using a Positively Charged Object**

Before contact, the acetate strip was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and the electroscope was \_\_\_\_\_\_\_\_\_\_\_\_\_. I could tell this because the leaves hung down. After contact, electrons from the electroscope rod moved into the acetate strip, making the electroscope \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Because the leaves were \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, they repelled each other.

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| **Charging By Induction** |

**Charging By Induction – Using a Negatively Charged Object**

|  |  |  |
| --- | --- | --- |
| Before | During | After |

Before charging, the ebonite rod was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and the electroscope was \_\_\_\_\_\_\_\_\_\_\_\_\_. I could tell this because the leaves hung down. When the ebonite rod was brought close, electrons from the electroscope were repelled and went into the ground. The ebonite rod is still \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_but the electroscope is now \_\_\_\_\_\_\_\_\_\_\_\_\_.

**Charging By Induction – Using a Positively Charged Object**

|  |  |  |
| --- | --- | --- |
| Before | During | After |

Before charging, the acetate strip was \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_and the electroscope was \_\_\_\_\_\_\_\_\_\_\_\_\_. I could tell this because the leaves hung down. When the acetate strip was brought close, electrons from the electroscope were attracted and more came up from the ground. The acetate is still \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_but the electroscope is now \_\_\_\_\_\_\_\_\_\_\_\_\_.