

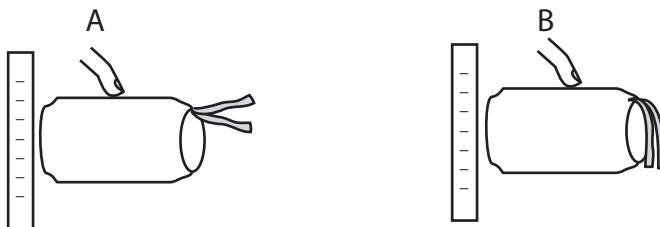
Electroscope Homework

Below is a sequence of events that occur to an electroscope. For each event, circle the letter of the picture that most accurately represents the position of the tinsel for the described event (drawing charges on the can may be useful)

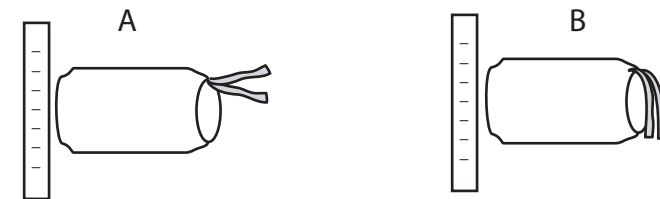
a. A negatively charged object is brought near a neutral electroscope:



b. Your finger touches the electroscope:



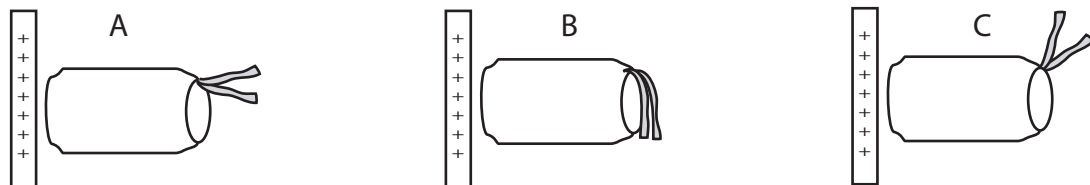
c. Your finger is taken away from the electroscope:



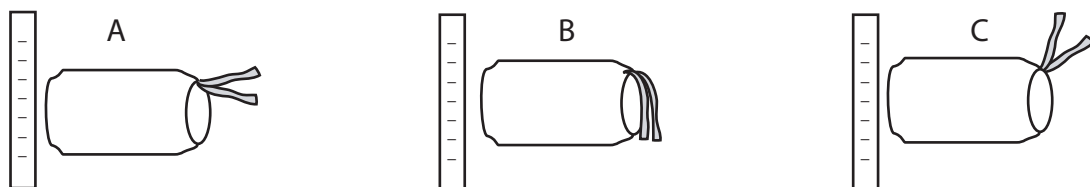
d. The charged object is taken away from the electroscope:



e. A positively charged object is brought near the electroscope:



f. A negatively charged object is brought near the electroscope:



g. What is the net charge on the electroscope (+, - or *n*) in steps d-e? _____