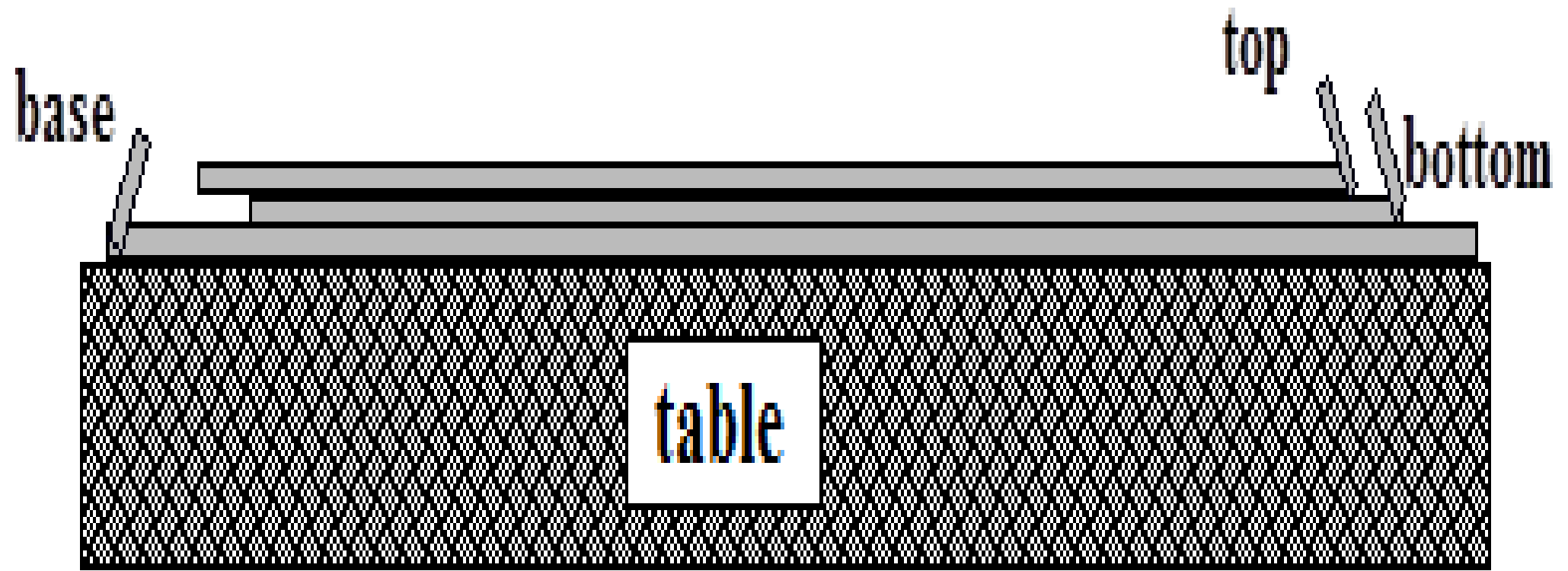


Notes, Sticky Tape Lab, Dec 9 of  
2013

	<b>Top Tape</b>	<b>Bottom Tape</b>	<b>Foil</b>	<b>Paper</b>
<b>Top Tape</b>	R	A	A	A
<b>Bottom Tape</b>	A	A	A	A
<b>Foil</b>	A	A	N	N
<b>Paper</b>	A	A	N	N
<b>Plastic</b>	A	R	A	A



**Smooth**



**Top**

**Sticky**



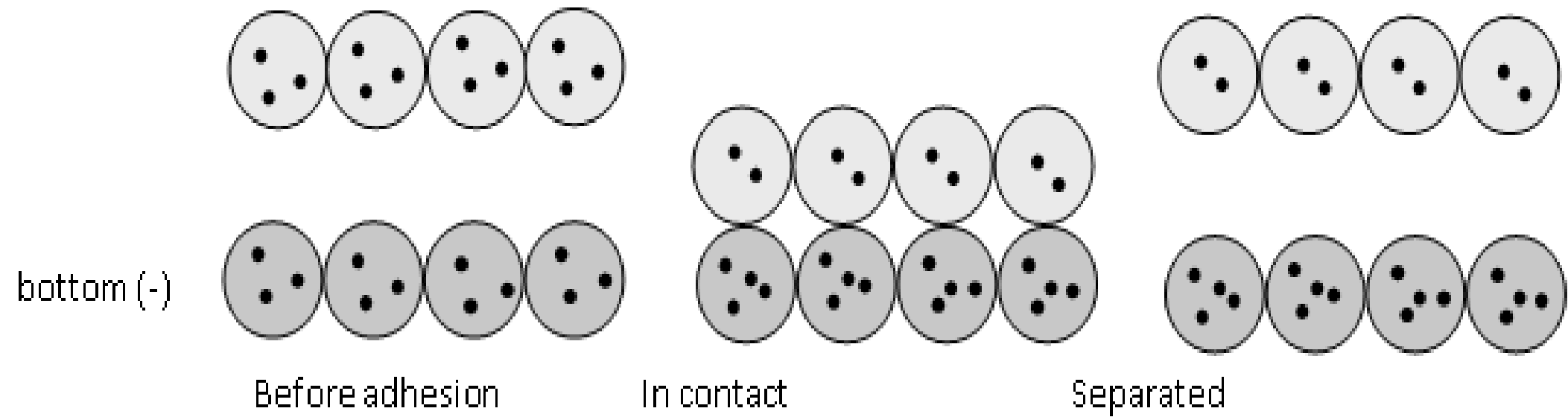
**Bottom**

**Sticky**

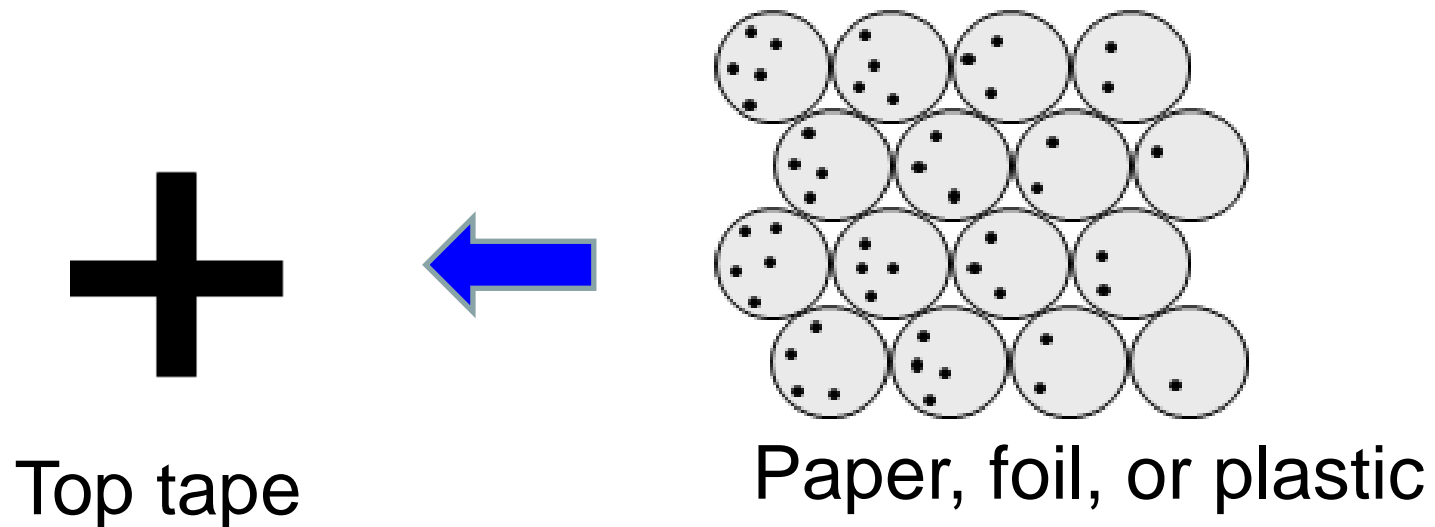


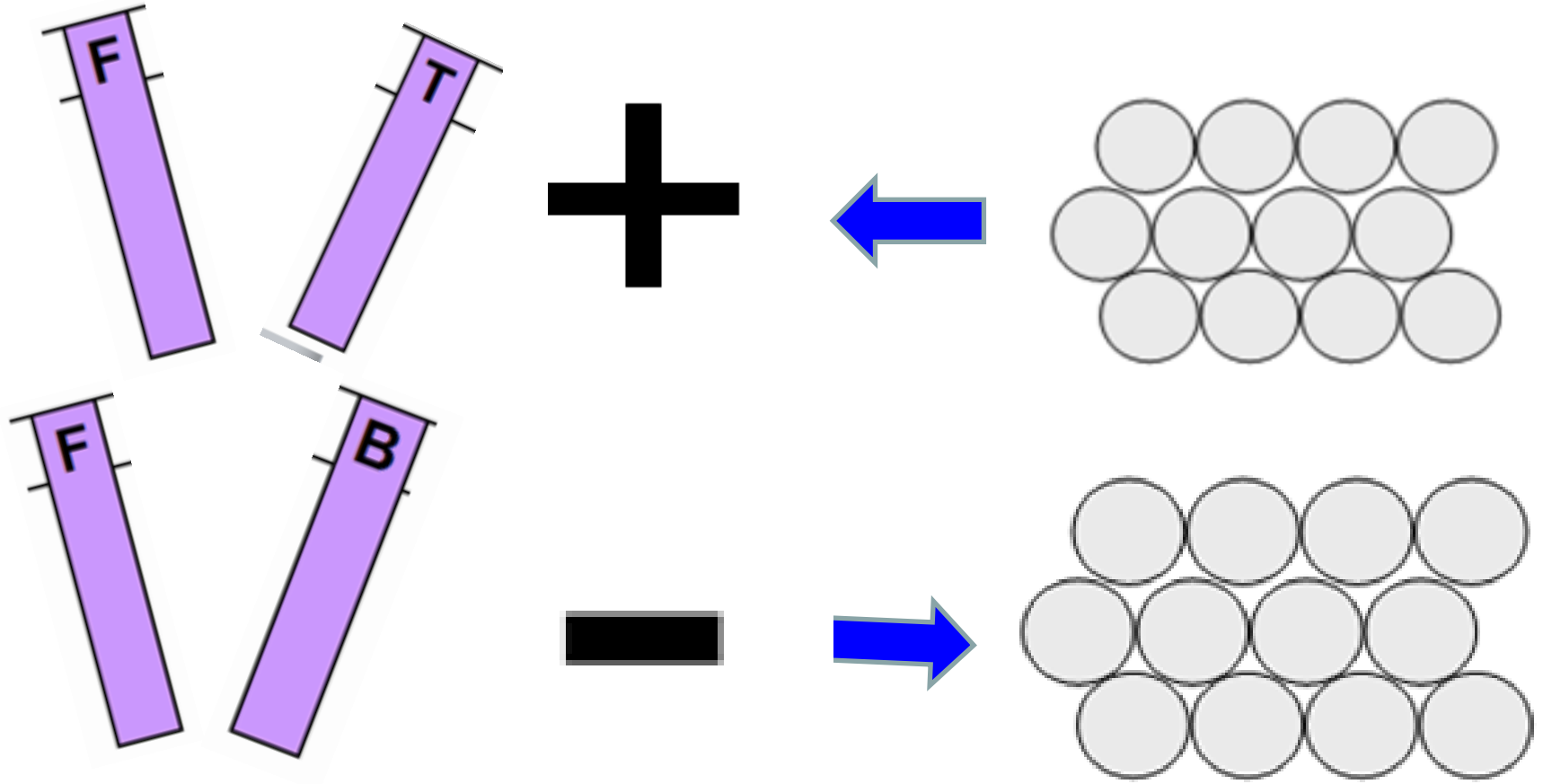
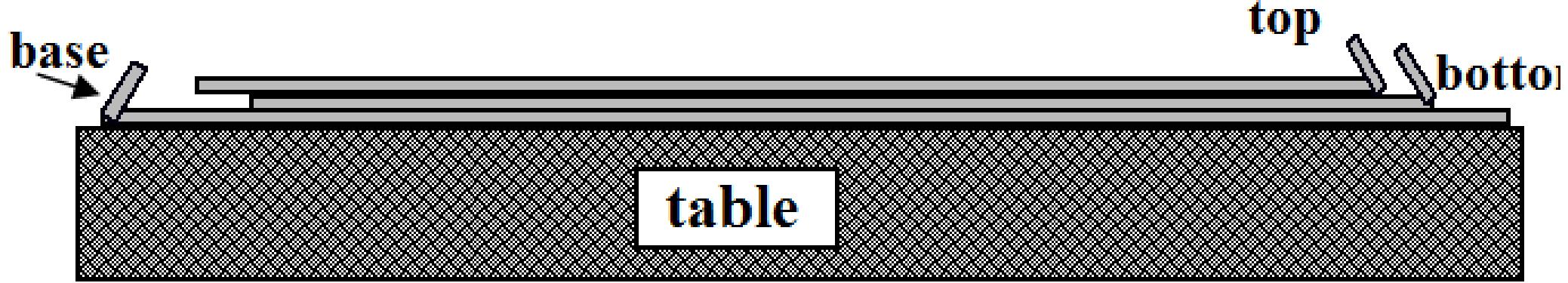
**Smooth**





**Example of negative charge moving toward top tape:**



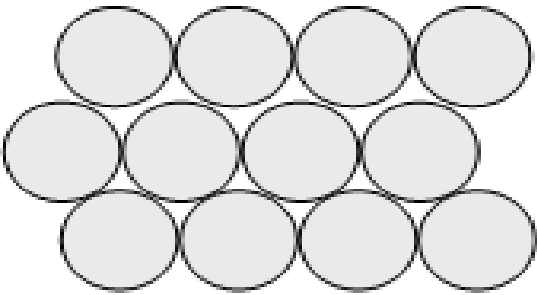


**Explain why these arrangements of electrons would produce the observed attractions.**

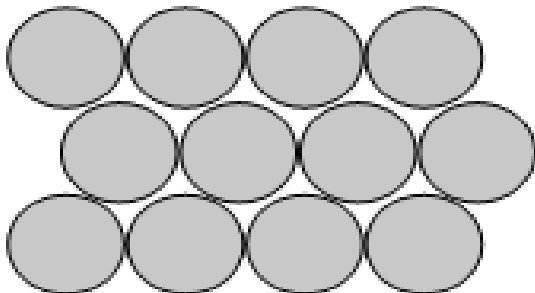
# Foil

No Charge near:

Non-metal (paper)

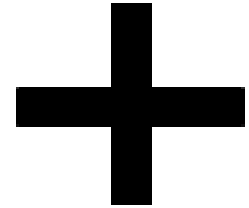
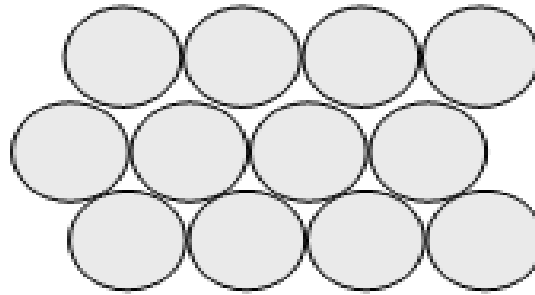


Metal (Al foil)

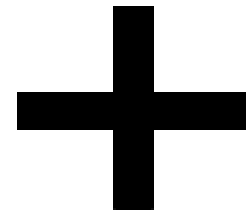
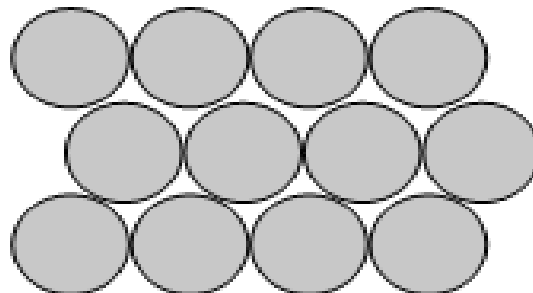


top charged tape near

Non-metal (paper)

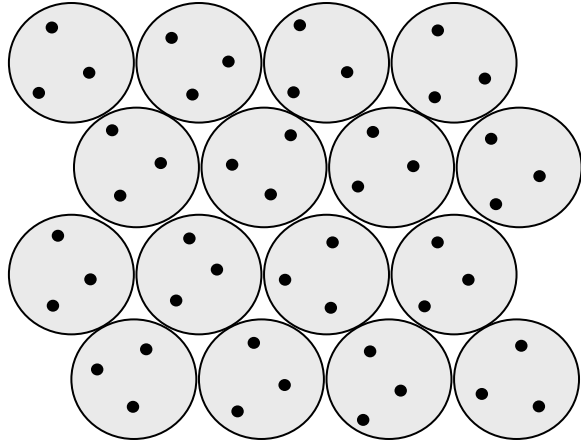


Metal (Al foil)



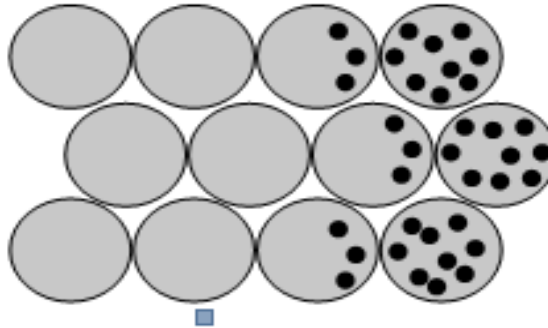
# Foil

No Charge near:

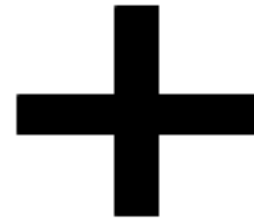


top charged tape near

Metal (Al foil)  
top tape near

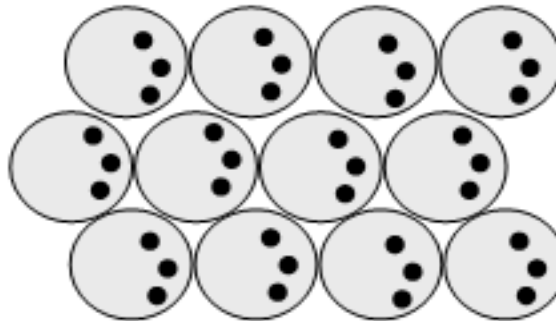


Top Tape



Paper

Non-metal (paper)  
top tape near



Top Tape

