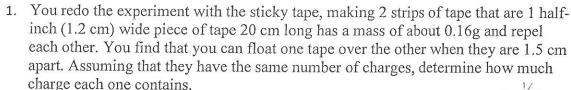
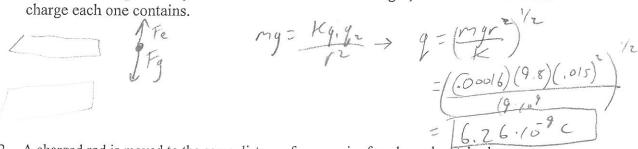
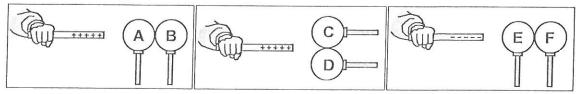
Post Lab Questions:

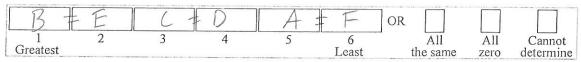




2. A charged rod is moved to the same distance from a pair of uncharged metal spheres as shown. The spheres in each pair are initially in contact, but they are then separated while the rod is still in place. Then the rod is removed.



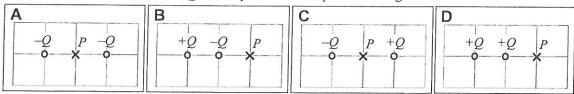
Rank the net charge on each sphere from most positive to most negative after the spheres have been separated and the charged rod removed.



Explain your reasoning.

Pleatrons more away from energetic a toward positive. in

3. In each figure, two charges are fixed in place on a grid, and a point near those particles is labeled P. All of the charges are the same size, Q, but they can be either positive or negative.



Rank the strength (magnitude) of the electric force on a charge +q that is placed at point P.

C	0	13	A	OR		
1	2	3	4	All	All	Cannot
Greatest			Least	the same	zero	determine

Explain your reasoning.