

NAME \_\_\_\_\_

DATE \_\_\_\_\_

### Physics 115 Pre-Laboratory 5

Answer the questions below fully and precisely.

1. A student rubs a rubber balloon on her hair and finds that the balloon will stick to the wall. How do you explain the balloon sticking to the wall?
2. The student rubs a rubber balloon on her hair and then hangs this balloon from a string on a support rod. Next she rubs a second balloon on her hair and brings the second balloon up near the suspended balloon. What will the suspended balloon do and why?
3. Next the student brings a third balloon, which has not been rubbed on anything, up near the suspended balloon. What will the suspended balloon do and why?