

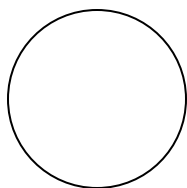
## Precision vs. Accuracy Lab

### Procedure

1. At the demonstration table, take six cotton balls from the beaker.
2. Gently dip the cotton balls into the beaker of acetone or ethanol. You **DO NOT** have to completely soak the cotton ball for this to be effective.
3. Stand on side of the demonstration table opposite of the chalkboard.
4. Throw the cotton balls, one at a time, at the circle drawn on the chalkboard. Take turns so that everyone gets a chance to throw.
5. Record your data.
6. Pick up the cotton balls and place them back in the original beaker.

### Data

Place an "X" or otherwise indicate below the relative locations of your six cotton balls.



### Conclusion

1. Define accuracy.
2. Define precision.
3. Were your results accurate? Why or why not?
4. Were your results precise? Why or why not?