**Tuning Fork Lab**

**Problems:**

1. **How is the length of a tuning fork related to the pitch?**
2. **How is the loudness related to the amount of energy you put into hitting the tuning fork on your shoe?**
3. **How do the above things relate to the size of the splash created when you put the tuning fork into a beaker of water?**
4. **What will happen to the sound of a tuning fork when you put the bottom of it on a cabinet?**

**Material: tuning fork, beaker, water.**

**Observations: Make your own**

**Conclusion: ?’s from the notes**