**Circular Motion Lab**

**Problems:**

1. **If you swing your hand in a circle, with a ball in it when will it travel the furthest:**
2. **At the top?**
3. **Behind you?**
4. **At the bottom?**
5. **In front of you?**
6. **How can you calculate the average velocity for a- d above?**

**Material: ball, stop watch, meter stick.**

**Data:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **D** | **T** | **AV** |
| **Top** |  |  |  |
| **Behind** |  |  |  |
| **Bottom** |  |  |  |
| **In front** |  |  |  |

**Calculations:**

**A.**

**B.**

**C.**

**D.**

**Conclusion: from notes.**