**Scooter lab II**

**Problems:**

1. **How can you calculate the average velocity of a person on a scooter that goes 5m?**
2. **How can you calculate the velocity of a person that is pushed a 2nd time after they travel 5 m?**
3. **How can you use Pythagorean and tangent to solve for the resultant of the person pushed 2 times?**

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

**Data:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **D after 1st push** | **T after 1st push** | **AV after 1st push** | **D after 2nd push** | **T after 2nd push** | **AV after 2nd push** | **“R” using Pythag. And Tangent.** |
| **Person on scooter** | **5m** |  |  |  |  |  |  |

**\*\*Show work for “R” or resultant.**

 **Vel. After 2nd**

 **Vel. After 1st**

**Conclusion:**

**?’s from notes.**