**Toy Car Momentum Lab**

**Problems:**

1. **How can you calculate the momentum of a toy car while it is going down a ramp?**
2. **How can you calculate the momentum of a 2nd toy car after a collision with the car that goes down the ramp?**

**Material: 2 toy cars, ramp, stop watch, meter stick.**

**Data:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | D(m) | T (s) | AV (m/s) | M (Kg) | momentum |
| Car 1 on the ramp. |  |  |  |  |  |
| Car 2 after collision |  |  |  |  |  |

**Calculations:**

**Conclusion: from notes**