

Conclusion:

In conclusion, the purpose of the experiment was to test the distance the car travels using different angles. We found that some angles were impossible to use to move the car since the car crashed as soon as it was released. This was because the angle was too high for all wheels of the car to stay on the ramp. I used my knowledge of velocity to solve the equation $v=d/t$ which in this case was 16.6. We were successful in finding 4-5 results to this experiment to compare and see if my hypothesis was correct. In the end, the 45 degree angle did propel the car the greatest distance so my hypothesis was correct.