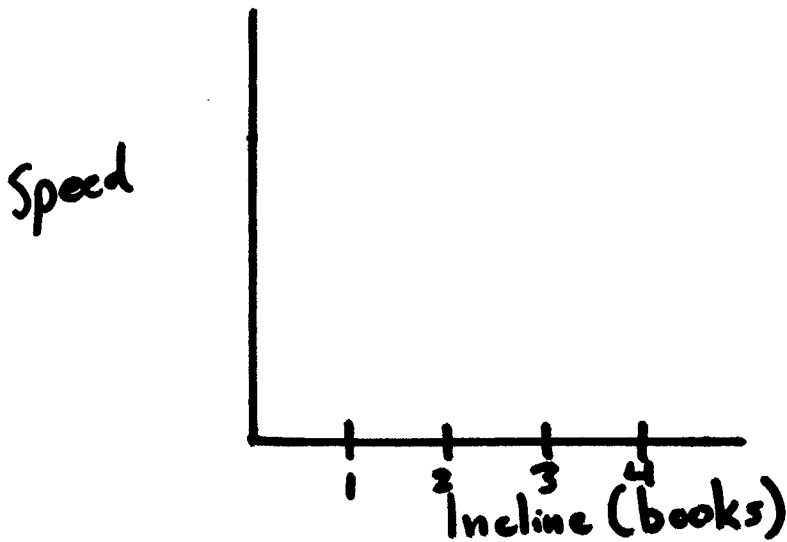


Data:

| Number of books in ramp | Height of ramp (cm) | Distance traveled (m) | Trial #1: Time to travel from pt. A to pt. B (sec) | Trial #2: Time to travel from pt. A to pt. B (sec) | Average Time to travel from pt. A to pt. B (sec) | Average Speed from pt. A to pt. B (m/sec) |
|-------------------------|---------------------|-----------------------|--|--|--|---|
| 1 | | .4 | | | | |
| 2 | | .4 | | | | |
| 3 | | .4 | | | | |
| 4 | | .4 | | | | |

Graph:

Average Speed vs. Incline



Conclusion: _____

Post lab Questions:

- 1) What does the shape of your graph show about the relationship between the speed and the height of the ramp?
- 2) At each height, did you always get identical times for both trials?
- 3) Why or why not?