Inclined Plane Lab

Problems:

1. How can you build an inclined plane?
2. How is the steepness of an inclined plane related to IMA? How will this effect the effort force?
3. How can you calculate the work that you do when you use two different inclined planes?

Material: 2 books, board, mass, Newton scale

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Length | Ht. | IMA | Effort  Force | Resis.  Force | AMA | Dist. | Work |
| 1 Book |  |  |  |  |  |  |  |  |
| 2 Books |  |  |  |  |  |  |  |  |

Calculations:

1. IMA 1 book:
2. AMA 1 book:
3. Work 1 book:
4. IMA 2 books:
5. AMA 2 books:
6. Work 2 books:

Conclusion: From notes.