PHYZSPRINGBOARD: A SLIPPERY AFFAIR 1-4: SERIES SLIPES



Develop equations for the characteristics of each slide in terms of the elevation \mathcal{E} and run length *R* of slide 1. Then compare the expressions for the individual inclines (I_1, I_2 , etc.) and total incline of each slide to the original incline I_0 by means of a product (ex: $2I_0$) or quotient (ex: $I_0/3$). Repeat comparisons for power.

1.Yer Basic Slide







3. Thrice-as-Nice $(R_1 = R_2 = R_3 = R)$ (this time, you draw in the V's and I's)



4. Unequal Runs $(R_2 = 3R_1; R_1 = R)$ (this time, you draw in the V's and I's)

