RaTeX Physics Lab

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Observations

Using the two provided object we could calculate net force of the bounceback from a mass and a string. By 30kg the string broke after the mass was dropped. The table below describes our group observations.

Mass (kg)	Height (m)	Force (N)
10kg	11.4m	108.73N
20kg	16.7m	276.52N

Procedure

1. The string was attached to the table.
2. The mass was attached to the opposite end of the string.
3. The mass was dropped and the bounceback height was measured.
4. The net force was calculated.