



Bungee Madness

Aim	Set up and make a successful bungee jump
Materials	Dummy jumper (Mass: 550 g), Elastic bands, 1 Meter Rule, Stand, Test weights of known masses 50 g and 100 g. Some useful formulae will be on the board in the lab.
Method	Use the elastic bands to create a bungee cord.
Conditions	The mass must be dropped from a height $h = 88$ cm above the floor. The aim is to get the jumper as close to the bottom as possible, without touching it. No test drops are allowed. All drops must be witnessed by a marshall. <i>Every attempt beyond the first adds a 2 cm penalty onto the final result. If a jumper hits the floor or the bungee comes off a 10 cm penalty is added (severe injury or death of the client!) No more than three drops are permitted.</i>
Time Limit	25 minutes
Ranking	The ranking order will be determined by the closest distance to the floor after application of all potential penalties.

Team

Result

Do not write below this line

Rank