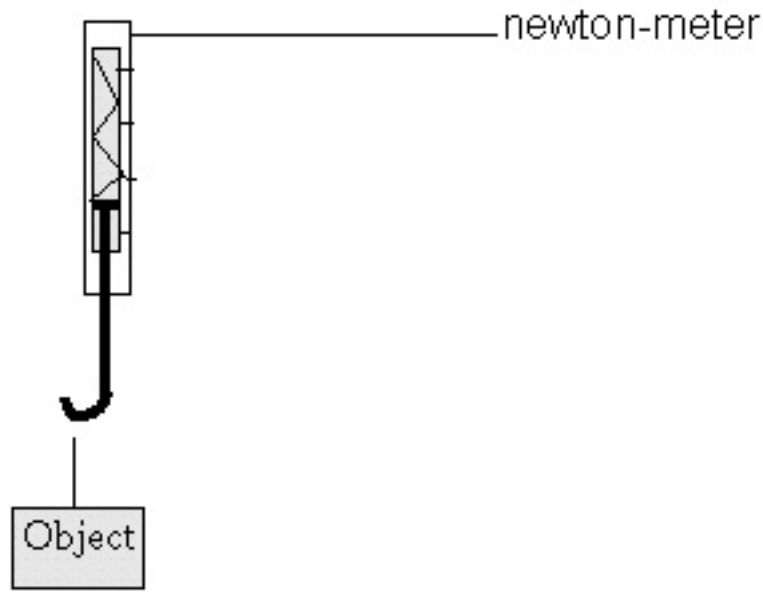


<i>Name</i>	<i>Date</i>

Aim : To find the relationship between mass and weight

Apparatus :

various objects or masses (between 5 → 8), balance, newton-meters(1N and 5N)



Method

- Find the mass of an object using the balance.
- Find its corresponding weight using a newton-meter (start with the least sensitive-5N -first) but if its weight is under 1N, use the 1N newton-meter.
- Repeat this procedure using the other objects.
- Draw a graph of weight in N against mass in kg.
- Calculate the **slope** of this graph.

Results

<i>object</i>	<i>Weight in newtons N</i>	<i>Mass in grams g</i>	<i>Mass in kg</i>

Conclusion