

# How can we measure the size of forces?

## Worksheet

Science - Forces

Miss Hummel



**Answer this question:**

**What is the difference  
between mass and weight?  
What are they each  
measured in?**

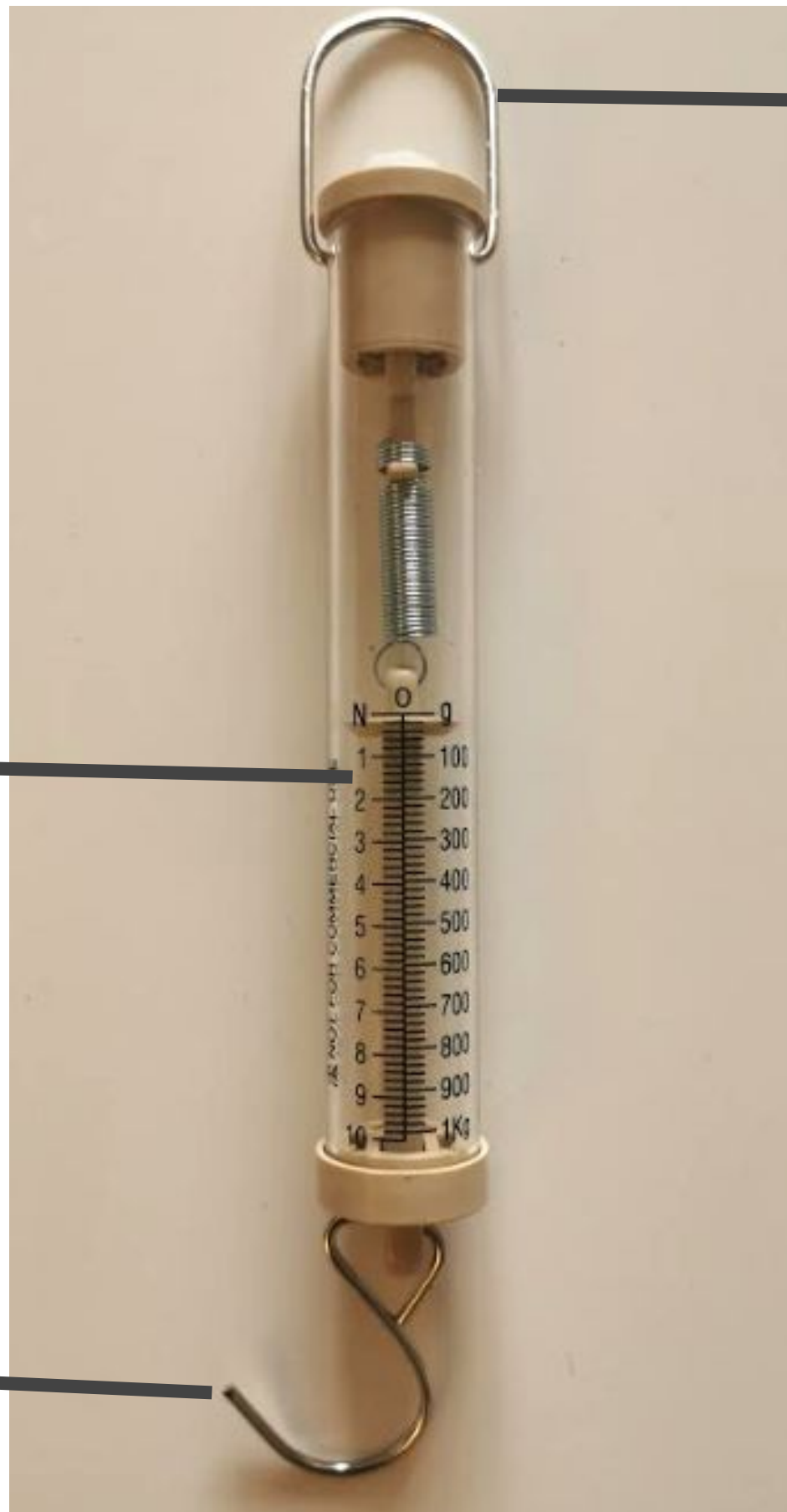


## Label the photo

If you don't have the photo in front of you, sketch your own Newton meter that you can label.

The numbers at the side that say N show...

The \_\_\_\_\_ at the bottom can be used to...



The \_\_\_\_\_ at the top can be used to....

Source: Miss Hummel

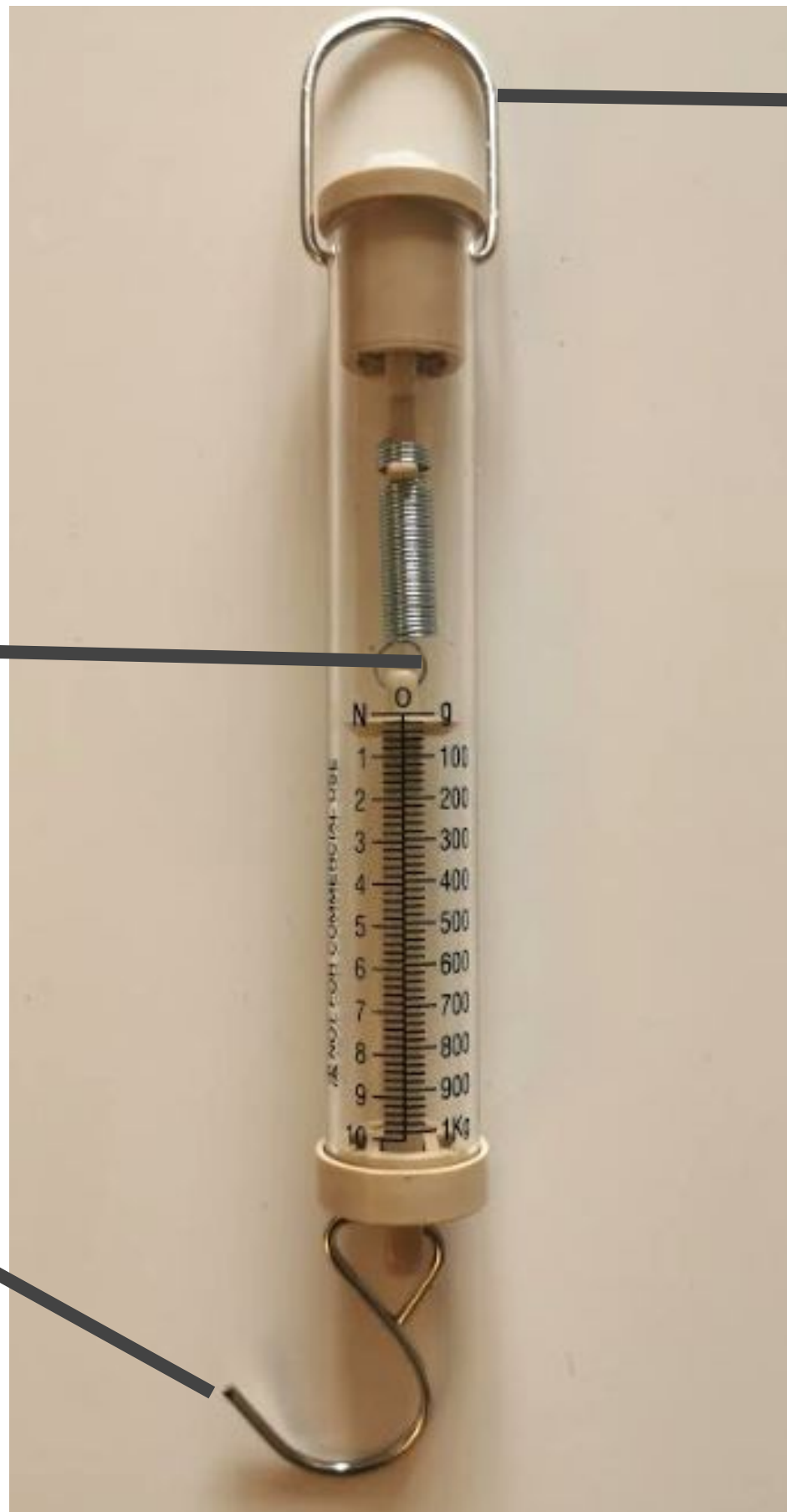


## Answers

If you don't have the photo in front of you, sketch your own Newton meter that you can label.

The numbers at the side that say N show **the weight or size of the force.**

The **hook** at the bottom can be used to **connect the object or force you are measuring with the Newton meter.**



The **hook** at the top can be used to **hold the Newton Meter.**



Write down how much force has been measured on each of the Newton meters below:



# Answers



$\approx 4\text{N}$



$\approx 15\text{N}$



$\approx 2.25\text{N}$



**Answer this question:**

**How do we measure the weight of an object with a Newton meter?**



# Activity: Measuring things in Newtons and grams

Item	Newtons (N)	Grams (g)

Can we make any generalisations based on our data?

