

## Note Taking Guide - Episode 105, Part 2

variable -

In a good experiment:

- \_\_\_\_\_ variables are allowed to change.
- the manipulated (or \_\_\_\_\_) variable -
- the responding (or \_\_\_\_\_) variable-
- all other variables are \_\_\_\_\_ -

In the example experiment, \_\_\_\_\_ are hung from a spring, and the spring's \_\_\_\_\_ is measured.

- The manipulated (\_\_\_\_\_) variable is \_\_\_\_\_.
- The responding (\_\_\_\_\_) variable is \_\_\_\_\_.
- Controlled variables include:

On the moon, your mass would \_\_\_\_\_, and your weight would \_\_\_\_\_.

- mass -
- weight -

metric unit for weight \_\_\_\_\_ ( \_\_\_ )

Ex:  $20\text{ g} = \text{_____} N$

On earth $1.0\text{kg} = \text{_____} N$
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