

the part of the experiment
that stays the same

the part of the experiment
that stays the same

the part of the experiment
that is changed

the part of the experiment
that is changed

the part of the experiment that
changes because of the independent
variable – the part observed or
measured

the part of the experiment that
changes because of the
independent variable – the part
observed or measured

an accepted hypothesis
- based on inference

an accepted hypothesis
- based on inference

accepted as fact
- based on observation

accepted as fact
- based on observation

using the five senses to examine an object

using the five senses to examine an object

what you think you will observe in the future

what you think you will observe in the future

interpretation of an event that is based on observations and prior knowledge

interpretation of an event that is based on observations and prior knowledge

a possible explanation or answer to a question

a possible explanation or answer to a question

summarizing data

summarizing data

any tools that meet
human needs

any tools that meet
human needs

the International System
of Units

the International System
of Units

metric unit for liquid
volume

metric unit for liquid
volume

metric unit for length

metric unit for length

metric unit for mass

metric unit for mass

the curvature of the surface of the water

the curvature of the surface of the water

the measure of an object's surface

the measure of an object's surface

the amount of space an object takes up

the amount of space an object takes up

width, height, thickness, or distance

width, height, thickness, or distance

amount of matter in an object

amount of matter in an object