

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 will be observed or
measured

the part of the experiment
that will be observed or
measured

observations collected
during experimentation

observations collected
during experimentation

using the five senses to
examine an object

using the five senses to
examine an object

explanation based on prior
knowledge and observation

explanation based on prior
knowledge and observation

a possible explanation or
answer to a question

a possible explanation or
answer to a question

the summarizing of data

the summarizing of 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

explanation that has undergone significant testing but can change if new evidence arises

explanation that has undergone significant testing but can change if new evidence arises

accepted as fact
- based on observation

accepted as fact
- based on observation

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