Experiment title

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Sept 30th, 2015

Submitted: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Partner name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

TA name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lab section: \_\_\_\_\_

Workstation number: \_\_\_\_

Purpose:

This experiment was performed in order to calculate the density of two objects.

Theory:

Density is the ratio between mass and volume. By measuring the dimensions of objects and calculating the volume of the objects, the density can be calculated.

Apparatus:

- Vernier caliper

- Meter stick

- Electronic balance

- Micrometer

- Block of wood

- Metallic cylinder

Observations:

See table 1 and 2.

Calculations:

Results:

The density of the wood block was X+- x g/cm^3 (kg/m^3)

The density of the metallic cylinder was X+- x g/cm^3 (kg/m^3)

This is (not) consistent with values for wood and (aluminium).

Discussion: