

Post-1982 Pennies

Number of pennies	Mass (g)	Initial Volume (mL)	Final Volume (mL)

Density Calculations: (note the format of each calculation – a statement explaining what will be calculated, an equation explaining how to do the calculation, and then the math – a unit with every number.)

1. Calculate the volume of each sample of pennies:

$$\text{Final volume} - \text{Initial volume} = \text{Volume of pennies}$$

___ pennies:

___ pennies:

___ pennies:

___ pennies:

___ pennies:

2. Calculate the density of each sample.

$$\frac{\text{Mass}}{\text{Volume}} = \text{density}$$

___ pennies:

___ pennies:

___ pennies:

___ pennies:

___ pennies:

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Calculations Table: Density

Number of pennies	Mass (g)	Volume (mL)	Density (g/mL)

Create a graph in Desmos. Graph both sets of data on the same graph. Link it below.