

NAME:

PERIOD:

DATE:

Density - Graduated Cylinder Activity

The densities of different liquids and solids are listed below. Your job is to arrange them in the graduated cylinder based on their densities. Draw in the liquids and solids and color them correctly.

How to do it:

- Objects with heavier densities will sink to the bottom. **Find the** object with the highest **density**. It will sink to the bottom of the cylinder.
- Figure out if the object is a **solid or liquid**:
 - Each solid takes up 1 mL of space in the cylinder.
 - Each liquid takes up 2 mL of space in the cylinder.
- Fill** up the correct amount of space for the substance, and **color** it the correct colors.
- Label** the substance in the empty space on the right.
- Find the object with the next highest density and **repeat steps 2 through 5** until you run out of objects.

Name of Substance	Liquid or Solid	Color	Density
sludge	liquid	yellowish brown	30 g/mL
rock	solid	gray	205 g/mL
snot	liquid	green	25 g/mL
plastic eyeball	solid	eyeball color	2.7 g/mL
water	liquid	light blue	1 g/mL
styrofoam ball	solid	white	0.5 g/mL
strawberry milk	liquid	pink	18 g/mL
plastic cube	solid	purple	19 g/mL
lava	liquid	red and black	150 g/mL

