

Name \_\_\_\_\_ Sci# \_\_\_\_\_

Properties of States of Matter Lab

Solids	Definite Shape	Definite Volume
Liquids	Variable Shape	Definite Volume
Gas	Variable Shape	Variable Volume

Data/Observations

	A	B	C	D	E
General Description appearance, color, etc.					
Draw a sketch of the material					
Is it a solid, liquid, or gas?					
Does it compress? Yes or No					
Mass of the syringe and material (g)	g	g	g	g	g
Mass of the syringe (g)	g	g	g	g	g
<b>Calculate</b> Mass of the material (g)	g	g	g	g	g

Mass of the material = Mass of the syringe and material – mass of syringe

Questions

- 1) Do liquids compress?
- 2) Do solids compress?
- 3) Do gases compress?
- 4) Material E contained solid, liquid and gas states of matter. Which one of the three states of matter was compressed?