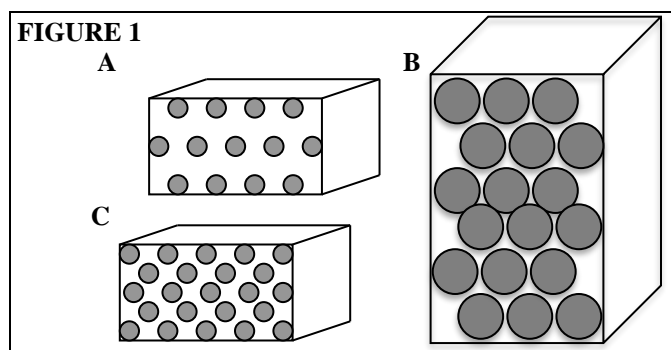


(Edited version for public review)**1.4 Quiz**

1. Study the matter in Figure 1.

[Assume the particles are uniformly distributed throughout each object, and particles of the same size have the same mass.]

- a. In the table below show how the masses, volumes, and densities compare by adding the symbol $<$, $>$, or $=$ to the statement in the second column.



Property	Relationship	Reasoning
Mass	A ____ B	
	A ____ C	
	B ____ C	
Volume	A ____ B	
	A ____ C	
	B ____ C	
Density	A ____ B	
	A ____ C	
	B ____ C	

2. Gold has a density of about 20 grams for every milliliter. Kelli gets a ring from her uncle, who tells her it is made out of gold. She decides to ...

(Additional materials available in members' resources)