

- 1 Which cartoon represents a liquid



- A left
- B center
- C right
- D none

- 2 Which cartoon represents a gas



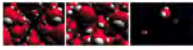
- A left
- B center
- C right
- D none

- 3 Which cartoon represents a solid



- A left
- B center
- C right
- D none

- 4 Compared to liquid, solid particles are



- A closer together
 - B same distance
 - C farther apart
 - D cannot say
- 5 Ice floats. What can we conclude about the density of ice compared to the density of water?
- A ice is more dense
 - B ice has the same density
 - C ice is less dense
- 6 Compared to liquid water, solid water molecules are



- A closer together
 - B same distance
 - C farther apart
 - D cannot say
- 7 Compared to liquid water, dry ice (solid CO₂) is ...
- A more dense
 - B the same density
 - C less dense
- 8 Dry ice (solid carbon dioxide, CO₂) sinks in water. Dry ice is ...
- A more dense than water ice
 - B the same density as water ice
 - C less dense than water ice

- 9 Which is more dense, a 12 oz can of Classic Coke or a 12 oz can of Diet Coke?
- A Classic is more dense
 - B Classic and Diet have the same density
 - C Classic is less dense
- 10 You are in a 20 ft long row boat with a 70 lb lead brick inside floating in a 40 ft square pool. What happens to the water level of the pool after you throw the lead brick over the side of the boat into the pool of water?
- A Water level rises
 - B Water level stays the same
 - C Water level goes down