



Name _____

Vocabulary Review

Use the terms in the box to complete the sentences.

condensation
density
evaporation
law of conservation
of mass
mass
matter

1. Anything that takes up space and has mass
is _____.
2. The amount of matter in an object is
its _____.
3. The amount of matter present in a certain volume of a substance
is its _____.
4. The idea that you cannot make or destroy matter is called
the _____.
5. The process by which a liquid changes into gas
is _____.
6. The process by which gas changes into liquid
is _____.

Science Concepts

Fill in the letter of the choice that best completes the statement.

7. Jalil has a magnet and two needles. The magnet attracts both needles, but the needles do not attract each other. He strokes one needle with the magnet. What happens when he moves the two needles near each other?
 - (A) They do not move.
 - (B) They move away from each other.
 - (C) They both move toward the magnet.
 - (D) They move toward each other and stick.
8. Certain magnets are permanent. Others are temporary and can be turned on and off. Which of these magnets is temporary?
 - (F) bar magnet
 - (G) donut magnet
 - (H) electromagnet
 - (I) horseshoe magnet

9. Lyle performs a science activity in which he wants to describe certain properties of a substance. Which of the following properties should Lyle use to measure the space taken up by the substance?

(A) density (C) volume
(B) mass (D) weight

10. Look at the illustration of the two bar magnets below.



What will happen when the two magnets are moved closer together?

- (F) Magnetic force will pull the magnets together.
(G) One magnet will slide under the other magnet.
(H) You will be unable to push the magnets together.
(I) The two magnetic fields will cancel each other out.
11. Shayna classifies a group of objects by their physical properties. She puts a soccer ball, a blue marble, and an orange in one group. What property did she **most likely** use to classify these objects?

(A) color (C) shape
(B) hardness (D) size

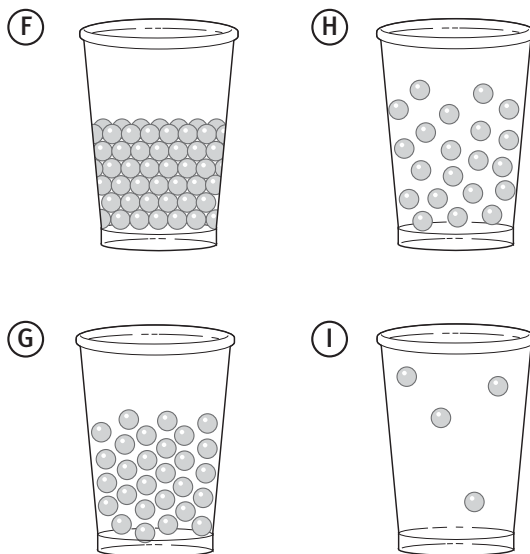
12. A student is describing the properties of an unknown substance. Which of the following words could he use to describe texture?

(F) oval (H) gritty
(G) floral (I) shiny

13. Tiko is washing the dishes and puts the wet dishes on the drying rack. Tiko knows that, over time, the water on the dishes will disappear and the dishes will be dry. What causes the water on the clean dishes to disappear?

(A) The water melts.
(B) The water condenses.
(C) The water evaporates.
(D) The water is absorbed.

14. The diagrams below show the particles that make up water. Which diagram shows how the particles are arranged when the water is solid?



Name _____

15. The three states of matter are solid, liquid, and gas. Which process turns liquid water into water vapor?
(A) condensation
(B) evaporation
(C) freezing
(D) melting
16. The three states of matter are solid, liquid, and gas. Which process turns liquid water into ice?
(F) melting
(G) freezing
(H) condensing
(I) evaporating
17. Some materials are magnetic, but most are not. Which of the following is magnetic?
(A) aluminum
(B) gold
(C) steel
(D) tin
18. Cherie changed water from a solid to a liquid. What did Cherie do to the water?
(F) She froze the water.
(G) She melted the water.
(H) She condensed the water.
(I) She evaporated the water.
19. Water is found in all three states of matter. Which shows the change of state involved when water condenses?
(A) solid → gas (C) gas → liquid
(B) solid → liquid (D) liquid → solid
20. Lien has a new box of eight crayons. Each crayon is identical. The mass of the box of crayons is 53 g. The mass of just one crayon is 6 g. What is **most likely** the mass of the box alone?
(F) 2 g
(G) 3 g
(H) 4 g
(I) 5 g
21. Aiden uses a balance to measure the mass of an apple. He finds that it is 224 g. He then cuts up the apple into four parts of varying sizes. What can he conclude?
(A) The mass of each part is 56 g.
(B) The sum of the masses of the parts is 224 g.
(C) Each part has a mass that is slightly less than 56 g.
(D) Each part has a mass that is slightly greater than 56 g.