

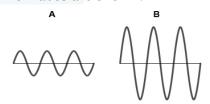
- 1. The Moon is visible to us because it .
- a. reflects light from Sun
- b. reflects light from Earth
- c. produces light through fusion
- d. produces light through combustion
 - 2. What is the correct alignment during a lunar eclipse?
- a. Sun, Moon, Earth
- b. Moon, Sun, Earth
- c. Sun, Earth, Moon
- d. Earth, Sun, Moon
 - 3. <u>Identify the moon phase in the picture.</u>



- a. third quarter
- b. first quarter
- c. full moon
- d. new moon
 - 4. The direct transfer of heat from one substance to another substance that is touching is referred to as
- a. convection
- b. convection currents
- c. radiation
- d. conduction

- 5. Which of the following is the transfer of heat by the movement of a fluid?
- a. radiation
- b. infrared
- c. conduction
- d. convection
 - 6. Which of the following is an example of refraction?
- a. Glass filled with water
- b. A periscope
- c. A mirror
- d. Microscope
 - 7.

Two waves are shown.



Which statement best classifies A and B?

- a. A and B are both transverse waves.
- b. A and B are both longitudinal waves.
- c. A is a transverse wave and B is a longitudinal wave.
- d. A is a longitudinal wave and B is a transverse wave,
 - 8. The movement of electric charges is _____.
- a. sound energy
- b. open circuit
- c. light energy
- d. electric energy



	9.	Electricity is the flow of		14.	light from the sun?
a.		electrons	a.		stomata
b.		protons	b.		chlorophyll
c.		neutrons			
d.		electrolysis	c.		glucose
	10.	A material that can work as a conductor or as an insulator is known as a(n)	d.	15.	A(n) is a push or a pull.
a.		electromagnet	a. b.		acceleration force
b.		insductor	c.		motion
c.		consulator	d.		velocity
d.		semiconductor.		16.	Kinetic energy is the energy of?
	11.	Plant growth in response to light is called	a.		time
a.		photography	b.		motion
b.		gravitropism	c.		distance
c.		phototropism	d.		matter.
d.	10	hyphal growth		17.	What biome has some of the richest and most fertile soil in the
	12.	. Where does the bird with this foot most likely live?			world?
a.		open desert	a.		taiga.
b.		near water	b.		tundra.
c.		deep woods	C.		temperae grassland.
d.		high mountains	d.		desert.
	13.	. Photosynthesis requires both & to occur		18.	Insects bodies are divided into three parts: the, and (Select all the option that is not part of the
a.		sugar and oxygen			three)
b.		water and carbon dioxide	a.		head
c.		oxygen and water	b.		legs
d.		water and energy	c.		abdomen
			d.		thorax



- Fossils found closer to Earth's surface are usually than those found deeper.
- a. younger
- b. older





- c. bigger
- d. smaller
 - 20. Most of the earliest life forms on earth were...
- a. plants.
- b. fungi.
- c. archaeans.
- d. protists.
 - 21. Matter is defined as anything that has ______.
- a. time, money
- b. volume, mass
- c. atoms, density
- d. magnitude, buoyancy

22. What is sublimation?

- a. a substance used in a chemical reaction.
- b. the process by which particles leave a liquid and become a gas.
- c. the process by which a solid changes directly into a gas.
- d. a substance made by a chemical reaction.

- 23. Compared with the Pacific Ocean, a cup of hot chocolate has _____.
- a. more thermal energy and a higher temperature.
- b. less thermal energy and a higher temperature.
- c. more thermal energy and a lower temperature.
- d. less thermal energy and a lower temperature.
 - 24. What is the difference between temperature and heat?
- a. Temperature is measured by a thermometer, and heat is measured by a barometer.
- b. Heat is measured in calories and temperature is measured in joules.
- Temperature measures the motion of molecules, and heat is the energy of that motion.
- d. Heat is caused by the Sun, and temperature is caused by conditions in the atmosphere.
 - 25. Susan and Hector made three different mixtures which consisted of (1) baking soda and water, (2) gravel and water (3) table salt and water. Which of the following explains why table salt and water is also a solution?
- a. the salt dissolved in the water
- b. the contents can be separated by a filter
- c. the salt settles at the bottom
- d. the contents can be separated with a screen





26	. A(n) is made of two or
	more atoms joined together (like toothpicks and marshmallows).
0	atom
a.	
b.	mixture
C.	solution
d.	molecule
27	. A(n) is the smallest part of matter.
a.	atom
b.	element
C.	liquid
d.	ion
28	. An atom has two distinct regions: the and the
a.	nucleus; proton cloud
b.	proton; neutron region
c.	electron cloud; electrons
d.	electron cloud; nucleus
29	. A solution is dilute if it.
a.	has a lot of solute.
b.	has little solute.
c.	has no solute.
d. dissolv	has so much solute, no more can be ved
30	. In a solution, the substance that dissolves is the
a.	solid
b.	saline
c.	solute
d.	solvent