



Name: _____

Date: _____

Climate, Worksheet - 1

Fill in the blanks with the words below.

_____ is the condition of the air above a particular place on _____. It _____ from place to place and from time to time. _____ is the weather _____ at a particular place over a long _____ of time.

Weather is a product of _____, _____, and _____. One heats the earth, one wets the earth, and the other moves the heat and water around. The amount of heat and _____ each place receives depends on the _____ of the sun's rays and how long the sun _____. The _____ becomes very hot because the sun's rays hit it _____. The _____ are always cold because, even when the sun's rays strike them, they strike at an angle.

The _____ of air is caused mainly by heat. When air becomes warmer it _____, the molecules move farther apart, the air become lighter, and the air _____ falls. When air becomes cooler, the _____ move closer together, the air becomes _____, and the air pressure _____. When warm air rises from a place, cool air moves in. This movement of warm and cool air is _____.

Three- _____ of the earth's _____ is covered by water, which is in constant _____. Water from the oceans _____ to form water _____ in the air. This collects to form _____, which are _____ around by the wind until they drop their water back onto the land or into the _____.

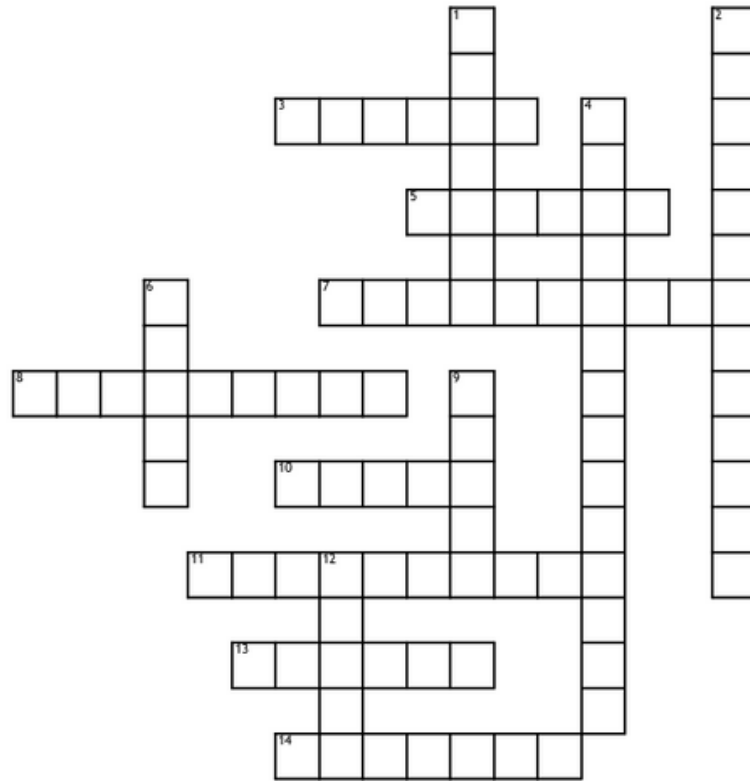
light	angle	earth	climate	rises	shines
weather	period	heavier	blown	pattern	ocean
water	motion	poles	varies	surface	vapor
pressure	equator	directly	wind	clouds	evaporates
expands	movement	molecules	quarters	sunlight	air



Name: _____

Date: _____

Climate, Worksheet - 2



Across

3. _____ fuels
5. _____ dioxide is what we exhale
7. _____ gases can cause global warming
8. A change in the quality of the environment that can adversely affect the health of humans or other living organisms
10. Water _____
11. The mixture of gases surrounding the earth
13. _____ warming
14. You can _____ a plastic bottle

Down

1. The average weather for a region over a long time period
2. _____ is another name for global warming
4. Process that occurs in living green plants where carbon dioxide is converted to oxygen
6. _____ energy: direct radiant energy from the sun
9. Planet _____ is heating up because of global warming
12. The _____ Layer has holes in it due to global warming