Name:	Date:	
The Water Cycle Cloze		
Use the terms below to fill in	the blanks. The terms can be used	l multiple times.
a. atmosphere	l. gravity	w. reservoirs
b. clouds	m. ground	x. runoff
c. coalesce	n. groundwater	y. solar
d. collects	o. icecaps	z. solid
e. condensation	p. infiltrates	aa.subduction zones
f. dense	q. lakes	bb. sublimation
g. energy	r. liquid	cc. surface
h. evaporation	s. oceans	dd. transpiration
i. fresh	t. photosynthesis	ee. volcanoes
j. gaseous	u. pores	ff. water cycle
k. glaciers	v. precipitation	Č
4, 5	e that physically move water, and t, and 6 states.	
-	nany 7, where water a	
-	d unevenly across the Earth's surfa-	• • •
	Just over 2% is frozen i	
	a meager half percent or so, is div	ided between the atmosphere,
11 and strea	ms, and the 12	
Wherever the sun shines	on the ocean and the water molecul	les gain enough 13.
	esh water vapor out of salty seawa	-
	and blow it about the globe. As less	•
	an or higher into the cooler atmosph	
	l. With sufficient loss of 18	
	st particles and 19int	-
•	pulls the water down as 2	-
· -	The average airborne water molecu	
so, until it joins a water d	roplet heavy enough to fall from th	ie sky. Most 22.

drops right back into the ocean. There, the water circulates until 23._____ claims it

once again.

Some snow and rain also lands on the continents. In cold regions, at high latitudes or
altitudes, where snow 24 in the winter and doesn't melt in the summer, icecaps
and snowfields grow and persist over thousands of years. The clean ice in 25
and 26, most frozen well before the age of man, is both the purest and the
largest storehouse of 27 water on Earth. If the snow and ice gains enough
28, it can change into water vapor in the air without first melting into water in a
process known as 29
When ice and snow melt, or rain falls on land, water is pulled swiftly downhill by
30 Some of it flows across the top of the ground, a process called
31 32 water gathers into rivers pauses for a time in lakes, and
rushes down to the sea. As it flows across the ground, running water cuts into the earth,
wearing down and reshaping the ground. Moving water is the most powerful geologic force
sculpting the landscape.
Although the handiwork of runoff is visible everywhere on land, more precipitation actually
33, or soaks into, the earth than runs off. More than 95% of the planet's liquid
fresh water is 34, water held within the ground. Some shallow groundwater
doesn't last long. 35 directly from the soil, and 36 through plants,
both transfer moisture back to the air. The process of 37 is part of plant
metabolism. Plants are the major biotic movers of water. Their roots collect water for
distribution throughout the plant. Some of the water will be used in 38, but
most travels to the leaves where it is easily evaporated when the plant opens its pores to
allow the diffusion of carbon dioxide gas from the air.
Most 39 is neither evaporated nor transpired. It slowly drains downward,
slipping through tiny 40 between soil grains, following cracks and caves in the
bedrock, to seep into streams, lakes, and eventually, the 41 Along the way, the
water interacts with the ground. Some pollutants, such as bacteria, are filtered out of the
water, while some minerals, like sodium and arsenic, are picked up by the water. Earth's
42 are salty because groundwater has been carrying dissolved mineral salts
down to the sea for billions of years.
As the water cycle spins, the earth's water moves from oceans to the 43 to the
land, and back to the sea, over and over, and over again. However, the water cycle is not a
closed system. Tectonic activity inside the planet pulls water out of the system when
seawater is dragged down inside the planet at 44, and also adds water into the
system when steam erupts from 45 Some moisture also leaves the outer edge
of the water cycle, when vapor high in the atmosphere "leaks" into space. And, water can
also enter the system from above, when icy comets collide with earth.