



Name _____ Class _____ Date _____

1 This gas is **colorless and odorless**. It is the gas we breathe out and the gas that plants take in. It is released into the air when coal, oil, and other natural gases are burned. Which **gas** is being described here?

A nitrogen
B oxygen
C carbon dioxide
D carbon monoxide

2 The **Air Quality Index (AQI)**, developed by the EPA, is used as a yardstick to report air quality in your area and its effects to your health. **People with breathing problems should stay indoors if the AQI is _____.**

A 101 and above
B 51 and below
C 0-50
D 51-100

Air Quality Index	
201 - 300	very unhealthy
151 - 200	unhealthy
101 - 150	unhealthy for sensitive groups
51 - 100	moderate
0 - 50	good

3 For the air quality to be considered **good**, what ranking on the **Air Quality Index** would the air have?

4 Which is the **most unhealthy** ranking on the Air Quality Index?

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7

to cause it _____.

A turbidity
B pH balance
C salinity
D chlorine content

8

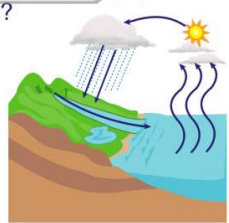
Following locations would **salinity** be the **lowest**?

A where rivers and oceans meet
B at the bottom of the ocean
C near beaches
D in cold ocean water



9 What is the **main energy supply** for Earth's **water cycle**?

A wind
B the Sun
C rain
D the atmosphere



10 A liquid changes into a gas through _____. When the Sun warms the water on Earth, some of that water changes into **vapor**, which goes into the air.

A condensation
B evaporation
C precipitation
D transpiration





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_____ would **salinity** be the **lowest**?



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