

Exam Practice: Unit 4

Lesson 1 Weather Patterns

1) What the air is like at a certain time and place is _____.

wind atmosphere weather

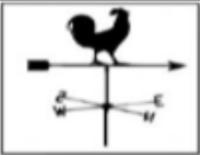
2) Water (rain) that falls from the atmosphere is called _____.

precipitation temperature wind

3) Precipitation, wind, and air pressure are all ways to describe the weather?

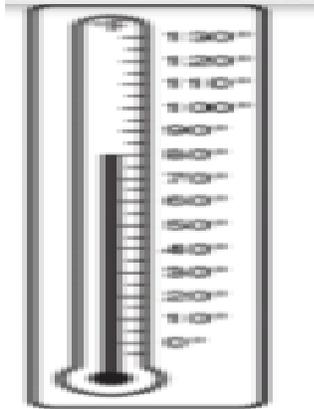
True False

4) Match

	Weather vane	Measure wind speed
	anemometer	Measures amount of precipitation
	Barometer	Measures air temperature
	Thermometer	Measures air pressure
	Rain Gauge	Determines wind direction

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5. What temperature (in degrees Fahrenheit) does the thermometer show?



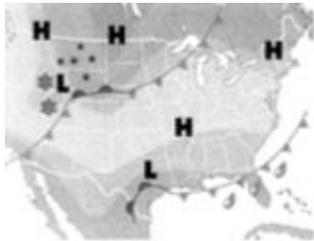
20°F

40°F

60°F

80°F

6) Callie's grandmother showed her a weather map in the newspaper. Which information can be found on a weather map?



amount of pollution in the air

air pressure and precipitation

Lesson 2 Weather and Seasons

1) Different seasons are caused by the spinning of the Earth on an imaginary line called its _____.

hemisphere

axis

rod

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2) Earth has ----- seasons.

1 4 6 3

3) Places high up in the mountains have ----- climates than lower areas.

colder

warmer

4) Brazil's temperature is between 70- and 80-degrees Fahrenheit all year long. Parts of Brazil are very wet and get around 6.5 feet of rain each year.

Indonesia has temperatures between 79- and 82-degrees Fahrenheit all year long. There can be up to 10 feet of rainfall each year.

Which conclusion can be made about Brazil and Indonesia?

A. Brazil and Indonesia must be located at the same latitude because their climates are similar.

B. Brazil and Indonesia must be located very close to one another because their climates are similar.

5) A cold and wet climate will probably receive ----- precipitation.

very little

a lot of

6). Which best describes climate?

temperature and seasons

average precipitation and temperature

7) Because of the Earth's -----, the Sun's rays strike the Earth at different angles.

rotation

tilt

8) Snow, sleet, or hail is a kind of precipitation that might fall on a very cold day?

True

False

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9) The pattern of seasonal weather that happens year after year is called _____.

weather

season

climate

10) The chart shows the weather recorded for four different days throughout the year.

Day	Temperature	Conditions
1	hot	sunny
2	cold	snowy
3	cool	sunny
4	warm	windy

In which season did each day **most likely** occur?

	Winter	Spring	Summer	Fall
Day 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Day 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Day 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Day 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Lesson 3: Natural Hazards

1) Which natural hazard often causes another natural hazard?

An earthquake often causes a drought.

A hurricane often causes a flood.

2) An earthquake causes ----- that are strongest near the center.

Vibration

Water

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3) Which natural hazard might cause a landslide when the ground shakes?

pollution

forest fire

earthquake

4) Which is a funnel cloud that causes damage on land?

hurricane

thunderstorm

tornado

5) Flash floods are floods that happen with a rise in water level.

very slow

very fast

6) A large storm that forms over an ocean is called a _____.

thunderstorm

tornado

hurricane

7) A storm with lots of snow, cold temperatures, and strong winds is called a _____.

thunderstorm

tornado

blizzard

8). Wildfires can occur from in the forest.

rising water

lightning strikes

9) A tornado is an example of a _____.

natural hazard

landslide

man-made event

10) What can cause a landslide?

drought

magnetic force

gravity

Lesson 4: Preparing for Natural Hazards

1) Which of the following is not a way that can lessen the damage a hurricane can cause?

a) Floodwalls can be reinforced using permanent or temporary methods.

b) Windows can be taped to prevent them from breaking into many dangerous pieces.

c) Doors are left open to allow the wind to blow through buildings.

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10) What would show that the lightning rod is successful?

- a) The lightning rod is hit by lightning during a storm and catches fire.
- b) Lightning hits the lightning rod on the building instead of hitting the building.

11) Levees can be used to prevent damage from-----

floods Earthquakes

12) Bridges can be built to bend without breaking to prevent damage in a(n) -
-----.

earthquake flood

13) A group of students are designing a model house that is safe in strong
Which house would be the safest?

- a) A house built out of bricks.
- b) A house built out of toothpicks.
- c) A house built out of linking cubes.

Additional Practice

Weather Patterns

<https://www.liveworksheets.com/4-xa985452xf>

<https://www.liveworksheets.com/zf1709598ba>

<https://www.liveworksheets.com/yl1991801dq>

Weather and Seasons

<https://www.liveworksheets.com/4-ym1010116oq>

Natural Hazards and the Environment

<https://www.liveworksheets.com/4-bk1023725aq>