

Name: _____

Brainpop Weather



Directions: Watch the Brainpop Weather video. Take notes while you watch. You may pause and replay as needed. If time permits, take the Brainpop quiz after you watch the video.

1. What is weather? _____

2. Factors that affect weather include temperature, humidity, and air pressure.

What is temperature and what instrument is used to measure it?

3. What is humidity? _____

a. Absolute humidity? _____

b. Relative humidity? _____

When relative humidity reaches _____% the air can't hold any more water. If the temperature falls, water vapor will return to its original liquid state.

4. Condensation makes mist and fog when close to the ground and _____ when high up in the atmosphere.

5. Air pressure: the air around you has _____.

6. Air pressure is measured with a _____.

7. High pressure: air sinks down close to the earth. High pressure = _____, sunny days.

8. Low pressure: air rises up into the atmosphere: Low pressure = high humidity, _____, and precipitation.

9. Boundaries between air masses are called _____, and that's where storms and other serious weather takes place.

10. An area's long term weather patterns determine its _____.

Areas near the equator have a _____ climate while areas near the poles have a _____ climate.

Word Bank:

Climate

Fronts

Atmosphere

Barometer

Thermometer

Weight

condition