

## Weather

1. What covers Earth?

- a. A sky
- b. An atmosphere
- c. A sun
- d. Clouds

2. What creates our weather?

- a. Air that is warmed and constantly moving.
- b. A cold front and a warm front that passes through.
- c. Air pressure, because it has weight.
- d. Low and high pressure that pushes through.

3. An air mass is a large body of air that has the same temperature and \_\_\_\_\_.

4. Humidity is the amount of \_\_\_\_\_ in the air.

5. Sometimes two air masses of different \_\_\_\_\_ and humidity bump into each other.

6. When two air masses of different temperatures and humidity bump into each other, what is formed?

- a. A cloud
- b. Rain
- c. A front
- d. Pressure

7. How many kinds of fronts are there?

- a. One
- b. Two
- c. Three
- d. Four

8. A cold front is formed when a \_\_\_\_\_ air mass pushes into a warm air mass.

9. What kind of precipitation will a cold front produce?

- a. Snow
- b. Thunderstorms
- c. Rain
- d. Hail

10. A warm front is formed when an warm air mass pushes into a \_\_\_\_\_ air mass.
11. What kind of precipitation will a warm front produce?
- a. Snow
  - b. Thunderstorm
  - c. Rain
  - d. Hail
12. What do weather forecasters use to predict weather?
- a. Fronts
  - b. Air pressure
  - c. Air masses
  - d. Precipitation
13. To measure the weight or pressure of air, we have to use a weather instrument called a \_\_\_\_\_.
14. A low pressure is formed when air is?
- a. cooled
  - b. warmed
  - c. light
  - d. thick
15. Low pressure areas usually bring \_\_\_\_\_, rain, and wind.
16. A high pressure is formed when air is?
- a. cooled
  - b. warmed
  - c. light
  - d. thick
17. High pressure areas usually bring \_\_\_\_\_, clear conditions.