

Name: \_\_\_\_\_

### Test Questions for Edheads Weather Activities

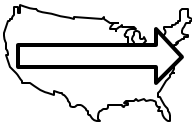
Circle the letter of your answer.

1. Which of the following is NOT related to weather:

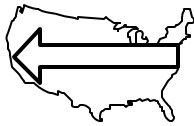
- a. precipitation
- b. wind speed and direction
- c. pollen count
- d. temperature

2. How do weather patterns generally move across the United States?

a. West to East



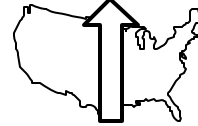
b. East to West



c. North to South



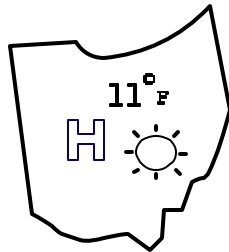
d. South to North



3. Which of the weather descriptions below would indicate that you should wear shorts and a short-sleeved shirt today?

- a. cool and cloudy with an 85% chance of precipitation
- b. warm and sunny with clear skies
- c. cool and breezy with winds gusting to 30 mph out of the north
- d. clear and sunny with temperatures in the mid 30s.

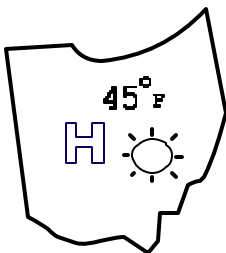
4. Read the weather map below to determine the conditions in Ohio and then choose which statement describes the weather:



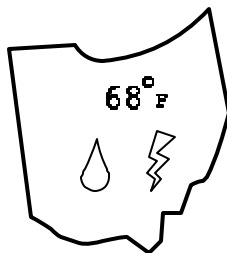
- a. Low Pressure, Cloudy, 15 Degrees F.
- b. High Pressure, Sunny, 12 Degrees F.
- c. Low Pressure, Rain, 11 Degrees F.
- d. High Pressure, Sunny, 11 Degrees F.

5. Which of the following weather maps indicates bad weather in Columbus, Ohio?

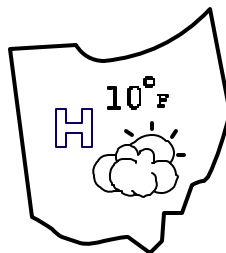
A.



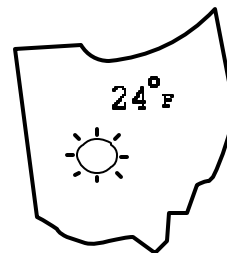
B.



C.



D.



Name: \_\_\_\_\_

6. When air pressure is high:
  - a. you can expect clouds and rain
  - b. you can expect cold temperatures
  - c. you can expect sunny, clear days
  - d. you can expect tornadoes
  
7. When air pressure is low:
  - a. you can expect clouds and rain
  - b. you can expect warm temperatures
  - c. you can expect sunny, clear days
  - d. you can expect to have dry skin
  
8. Which one of the following statements is FALSE:
  - a. Weather results from the movement of air and changes in temperature, air pressure and humidity.
  - b. Weather is caused by air that stays in the same place for a long time.
  - c. A weather report can include temperature, humidity, air pressure, wind speed and direction, cloud cover and precipitation.
  
9. How do you calculate how far a warm or cold front will move in a particular time?
  - a. multiply speed in miles per hour by direction in numbers the front is moving by time in hours
  - b. multiply speed in miles per hour by time in hours
  - c. divide time by miles per hour
  - d. subtract hours from time.
  
10. To predict the weather, you do NOT need to know which of the following:
  - a. front speed and direction
  - b. the distance of a front or weather system from the place you are forecasting for
  - c. the current weather conditions
  - d. the current phase of the moon