

Weather Predictions

Choose the correct answer.

1. Which of the following defines a meteorologist?



- A person who predicts the weather.
- A person who studies meteors.

2. A weather _____ is a prediction of what the weather will be like in an hour, tomorrow, or next week.



- satellite
- forecast

3. A wind vane is an instrument that determines the _____ of the wind.



- direction
- speed

4. Which of the following is used by weather forecasters to detect the force of precipitation, wind and speed direction, estimates hail size, and the amount of rainfall?

-



Doppler radar

-



Weather satellites

5. What is a radiosonde?



- The instrument carried by a weather balloon or weather buoy used to send measurements by radio signals to a weather station.
- The instrument carried by a weather satellite used to send measurements by radio signals to a weather station.

6. For a golf tournament, weather forecasters predict rain. Which of the following will weather forecasters use to tell the golfers the amount of rain to expect?



Weather balloons



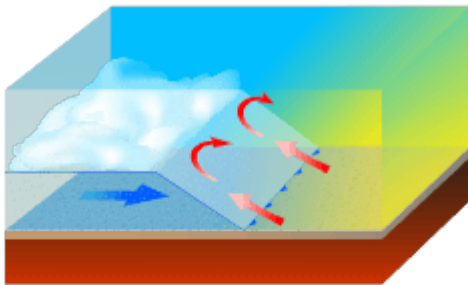
Doppler radar

7. Which of the following air mass is located over large bodies of land and contains dry air?

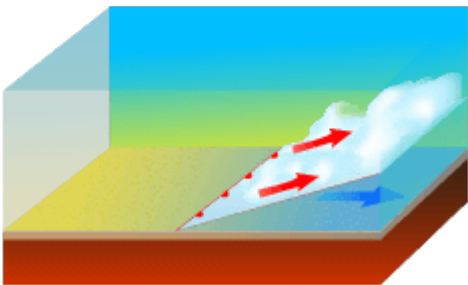
- Continental
- Marine

8. Which of the following is true?

Cold front



Warm front

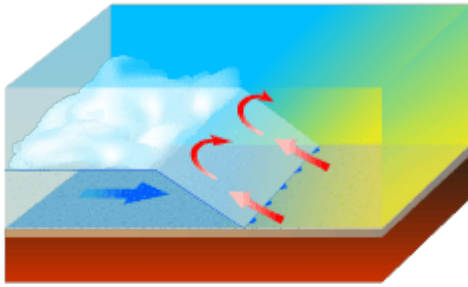


Warm air Warm front Cold air Cold front

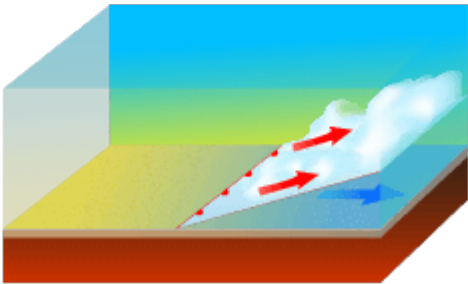
- For a cold front, colder air replaces the warmer air.
- For a cold front, warmer air replaces the colder air.

9. Which of the following is true?

Cold front



Warm front



- For a warm front, colder air replaces the warmer air.
- For a warm front, warmer air replaces the colder air.

Choose the correct answer

10. Which of the following symbols represents a cold front on a map?

-
-

State whether the following statement is true or false.

11. If you listen to the news and you are informed that it will be sunny tonight but rainy tomorrow, you are listening to a weather forecast.



- True
- False

12. A meteorologist will use computer models, observations, and a knowledge of trends and patterns to predict the weather.



- True
- False

Choose the correct answer.

13. How does a weather forecaster keep people informed about incoming weather conditions?



- Through reports given either on TV, local radio, or through the use of other types of radio.
- Through the use of newspapers or Internet web sites.
- Both A and B

14. Reasonably accurate weather forecasts can be made up to _____ days in advance.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

- 15
- 7
- 20

15. Sometimes meteorologists have to measure weather conditions higher up in the atmosphere so they use a weather instrument called a _____.

○



weather balloon

○



weather satellite