



## Derechos - Review Questions

1. Derecho is a Spanish word for
  - a. right
  - b. straight
  - c. left
  - d. back
  
2. A downburst cluster is made up of
  - a. Several downbursts
  - b. Several microbursts
  - c. Several burst swaths
  - d. A family of microbursts
  
3. It is common for one house to be nearly destroyed by a derecho while adjacent houses have relatively minor damage.
  - a. True
  - b. False
  
4. Derechos typically are associated with bands of showers or thunderstorms that assume a \_\_\_\_\_.
  - a. shape of a circle
  - b. shape of an arrow
  - c. straight line
  - d. shape of a bow
  
5. The boundary between rain-cooled downdraft air and warm-moist air is called the \_\_\_\_\_.
  - a. cold front
  - b. warm front
  - c. gust front
  - d. cool front
  
6. If the bow echo (or series of bow echoes) progresses more than \_\_\_\_\_ with widespread wind gusts \_\_\_\_\_ or greater, then the bow echo is classified as a derecho.
  - a. 25 miles / 48 mph
  - b. 250 miles / 58 mph
  - c. 200 miles / 58 mph
  - d. 250 miles / 65 mph

7. \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ are the three types of derechos.
- Cereal, Progressive, Hybrid
  - Positive, Hybrid, Serial
  - Parallel, Serial, Hyper
  - Serial, Hybrid, Progressive
8. \_\_\_\_\_ derechos are produced by multiple bow echoes in an extensive line of thunderstorms.
- Progressive
  - Hybrid
  - Serial
  - Sequential
9. The warm season for derechos consists of the months...
- May, June, August, July
  - April, July, June, May
  - June July, August
  - July, June, January, August
10. \_\_\_\_\_% of all derechos occur during the warm season.
- 60
  - 80
  - 65
  - 70
11. \_\_\_\_\_ derechos are primarily a \_\_\_\_\_ season event.
- Progressive, cool
  - Progressive, warm
  - Serial, warm
12. Serial derechos, while not rare in the cool season, are primarily warm season events.
- True
  - False
13. Because of the Rocky Mountains, derechos only occur in the United States.
- True
  - False

14. Derechos tend to occur in \_\_\_\_\_ meaning that when the first one occurs there is a good chance that more derechos will occur within the following few days.
- packs
  - families
  - clusters
  - summer
15. A derecho warning is issued when winds in excess of 50 mph are expected to occur.
- True
  - False
16. Nearly \_\_\_\_\_% of the fatalities caused by derechos were to individuals in boat or vehicles.
- 50
  - 45
  - 40
  - 35
17. Derechos can move as speeds up to \_\_\_\_\_ mph.
- 60
  - 55
  - 65
  - 70
18. The \_\_\_\_\_ can provide you with several hours of lead time for the threat of severe weather.
- National Weather Center
  - Storm Prediction Center
  - Severe Weather Prediction Center
  - National Severe Storms Laboratory
19. Hybrid derechos have characteristics of both \_\_\_\_\_ and \_\_\_\_\_ types.
- serial, parallel
  - progressive, serial
  - positive, cereal
  - serial, positive
20. The #1 weather safety rule is to always check the weather forecast at the beginning of your day.
- True
  - False.