



Name _____ Class _____ Date _____

1 The **energy** that powers hurricanes comes from _____.

A static electricity built up in cumulus clouds
B winds blowing across the ocean
C water vapor from ocean water
D the sun

2 What will happen to a hurricane when it moves **over land** and why?

A It increases in strength because the warm land makes it grow.
B It decreases in strength because it loses its source of energy, water vapor from an ocean.
C Hurricanes generally bounce back to sea when they hit a continent.
D It increases in strength due to continental tropical air masses.

3 The **strongest, fastest winds** of a hurricane occur _____.

A at the eye wall

4 The wall of **water** pushed onto **shore** by the force of a hurricane is called the _____.

A tornado

5

PREVIEW

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7 **Future weather events** in a given area. **What information does radar provide?**

A the location, movement, and intensity of precipitation
B wind speed and direction
C atmospheric pressure
D all of the above

A a warm front
B a cold front
C a stationary front
D an occluded front

9 Describe the weather in **North Dakota** and **South Dakota** based on the information on this map.

A warm and cloudy
B warm with severe storms
C cool and sunny
D cool with severe storms

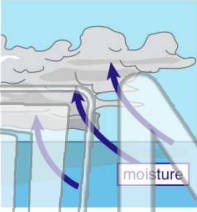
10 This weather map shows lines of **equal atmospheric pressure**. They look like the contour lines on a geologic map. **What are these lines called?**

A contour lines
B weather fronts
C isobars
D stationary fronts



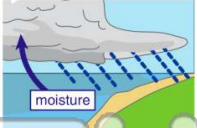
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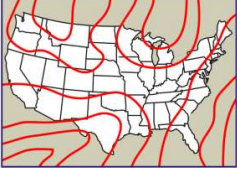


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