

Name: _____

Date: _____

Factors which influence Climate

Latitude is probably the most important factor in determining the climate of a place.

Read the following and state whether each statement is true or false.

1. The Sun's rays are more directly overhead at the equator and led directly overhead at the poles _____. _____.
2. The Sun's rays are more concentrated at the Equator, so the temperatures are higher. _____.
3. Latitude determines how much heat a place receives from the Sun. _____.
4. The Sun's rays cover a wider area at the poles. _____.
5. Temperature increases as you move from 0° latitude to 90° latitude. _____.
6. A place at 85°N latitude would have much lower temperatures than a place 10°N _____.

Factors affecting the climate of the Caribbean.

Match each factor from the box with the correct sentence. You may use a factor more than once.

Latitude	prevailing wind	distance from sea	altitude
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7. Places high up in mountainous regions experience lower temperatures than places at sea level. _____.
8. Places near the Equator are warmer and wetter than places further away. _____.
9. Places near the coast are warmer at night and cooler in the day than places further inland. _____.
10. Places near the Equator have fairly even temperatures all year round. _____.
11. Lowlands are hotter than mountain peaks. _____.
12. Air currents from across the ocean bring rain. _____.
13. The windward side of mountains receives more rainfall than the leeward side. _____.
14. Which two factors do you think are most important in affecting the climate of the Caribbean? Explain why.

