

NAME: \_\_\_\_\_

**Climate Questions:**

1. What is the difference between weather and climate?

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2. What are the 2 main factors that help determine what the climate is like for a region on earth?

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3. What is a climate region?

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**Factors Affecting Temperature**

4. Name the 6 main factors that affect temperatures in a region.

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5. Why are climates located farther from the equator cooler than those closer to the equator?

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6. Mt. Kilimanjaro is a mountain located close to the equator (which would seem to make it warm). However there is snow on the top of the mountain. WHY?

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7. Why do coastal regions (like Santa Monica) have mild temperatures most of the year (not too hot and not too cold)?

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8. In general, warm ocean currents carry warm water from \_\_\_\_\_ to \_\_\_\_\_

9. In general cold ocean currents carry cold water from \_\_\_\_\_ to \_\_\_\_\_

10. Why is the climate along the West Coast of the United States cooler than expected for its latitude?

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11. Name the 5 main factors that affect precipitation in a region.

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12. High pressure systems bring a lot or a little (circle one) precipitation?

13. Low pressure systems bring a lot or a little (circle one) precipitation?

