

Name \_\_\_\_\_

Use the coast redwoods fact sheet to answer the following questions about the tallest trees in the world.

Using all the details you can find, explain why redwoods **live so long**.

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**Redwood roots are only 6-12 feet deep**, yet these very tall trees can withstand strong winds and floods. Explain how redwoods can do that.

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Redwoods are known by their scientific name, **sequoia sempervirens**. What does sempervirens mean and why is that a good name for coast redwoods?

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Why are most of the redwoods in the Santa Cruz area very young, **about 2-6 years old in human lifetimes**?

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Redwoods help the environment by removing a **gas** from our atmosphere that leads to global warming. What is the gas that redwoods remove? \_\_\_\_\_