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PLEASE SUBMIT YOUR WORK THROUGH GOOGLE CLASSROOM

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1. Watch “Powers of Ten” video:

<https://www.youtube.com/watch?v=bhofN1xX6u0>

2. The world’s tallest living tree, a *coast redwood* named Hyperion, measures about 116 m in height. By how many orders of magnitude bigger (or smaller) is it than the following:

A. an average height 10-year-old (about 55 inches)?

B. an influenza virus (20 nm)?

C. the Sun (look up the size yourself please)?

Hint: review the steps we did in class and don’t forget to convert all measurements to meters before looking for the nearest power of ten!