

POD 3 - Microsoft Internet Explorer provided by Harvard Public School System

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POD 3

(d) How many **centiseconds** are in one second?
 cs

(e) How many **hectograms** are in one kilogram?
 hg

(f) How many **liters** are in a megaliter?
 L

(g) A **centiliter** is how many times larger than a milliliter?
 times larger

(h) A micrometer is how many times smaller than a **centimeter**?
 times smaller

(i) The wavelength of red light is 650 nanometers. How much bigger is the wavelength of a water wave that measures 2 meters?

(j) A first grader measures **0.92** meter high. How much bigger is this first grader compared to the height of a bug that measures **0.92** millimeter high?
 times bigger

(k) What is the name of the distance that is 10^{-9} smaller than a meter?

$650 \times 10^{-9} \text{ m}$ vs. 2 m

$\frac{2 \text{ m}}{650 \times 10^{-9} \text{ m}} =$

$\rightarrow 0.0030769 =$

$\rightarrow 3$

Internet 100%

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$-3 - -9 = +6$

$\frac{3.076 \times 10^{-3}}{10^{-9}} = 3.076 \times 10^6$

Internet 100%