

Name: \_\_\_\_\_

Period: \_\_\_\_\_

**HW1:3 Metrics and Prefixes**  
**Mr. Murray, IPC**  
**science.fearthepenguin.net**

**Assigned: Mon, 8/21 and Tues 8/22**  
**Due: Wed, 8/23 and Thurs., 8/24**

*(Have you turned in your signed safety contract?)*

*(Have you brought closed-toed shoes to class?)*

1. What system of measurement do we use in science?

2. Give the three base units and what they measure.

3. Which is bigger?

- A) Centimeters or meters?
- B) Milliliters or megaliter?
- C) Milligrams or micrograms?
- D) Kilograms or grams?

4. How many cents in a dollar?

5. How many centimeters in a meter?

6. How many years in a millennium?

7. How many milliliters in a liter?

8. What unit is about the width of a finger-nail?

9. What unit is just bigger than a quart?

10. What unit is just bigger than 1/2 mile?

11. Put these prefixes in order from SMALLEST to BIGGEST:

Milli- Micro- Mega- Centi- Kilo-

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12. If you have 125 cm, how many meters is that?

13. If you have 5.6 kilograms, how many grams is that?

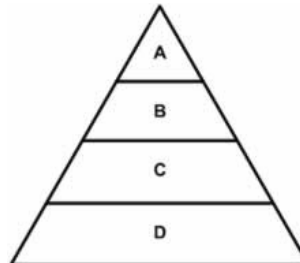
14. If you have 4.2 megameters, how many meters is that?

**From bellwork:**

15. In any ecosystem are there more herbivores or carnivores?

16. Are there more producers or consumers?

17. On the biomass pyramid label the following:  
plants; herbivore; carnivores; carnivore of carnivores.



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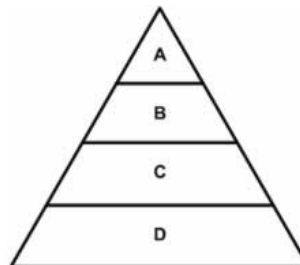
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