

Name: _____

Date: _____

Period: _____

Bio Skills - Metric Conversions

Show work and place answer in box!

1. How many grams in a kilogram?

2. How many milligrams in a gram?

3. How many liters in 0.5 kiloliters?

4. How many nanometers are in one micrometer?

5. How many millimeters are in a 4.8centimeters?

6. One micrometer is what part of a millimeter?

7. Express 0.4 kilograms in milligrams.



8. A nanometer is what part of micrometer?

9. What is the metric for volume?

10. One cm^3 is equivalent to what commonly used volume unit?

11. If the density of water is $1\text{g}/\text{cm}^3$, then what is the mass of 1 milliliter?

12. What is the mass of 6 milliliters of water?

13. What is the mass in grams of 1liter of water?

14. How many cubic centimeters are in a liter? How many milliliters?

