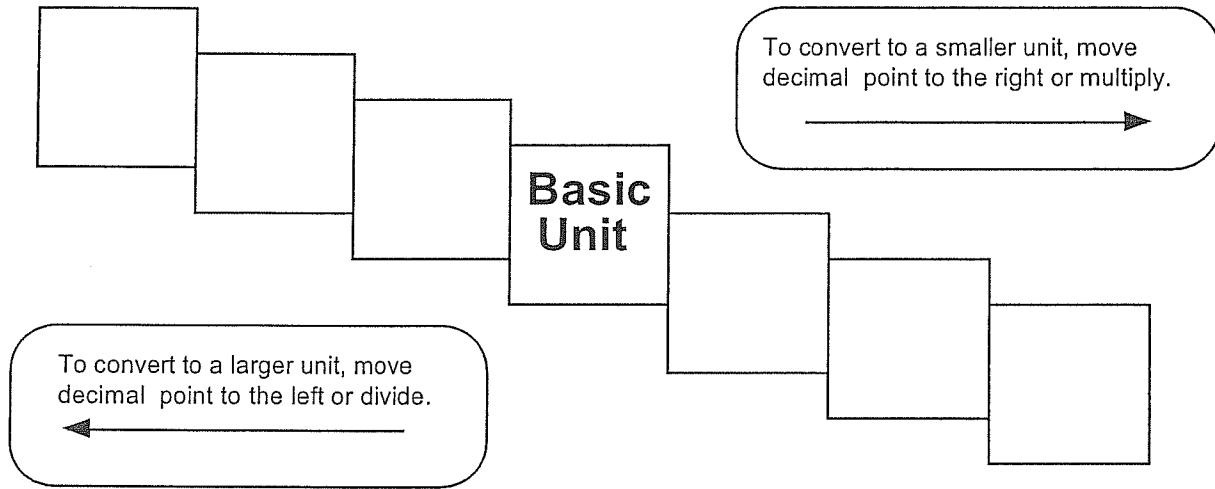


Metric Mania Conversion Practice

Name _____



Try these conversions, using the ladder method.

$1000 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$

$1 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

$160 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

$14 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

$109 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

$250 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

Compare using $<$, $>$, or $=$.

$56 \text{ cm} \bigcirc 6 \text{ m}$

$7 \text{ g} \bigcirc 698 \text{ mg}$

Metric System Challenge

Name _____

1. Instrument used to find mass. 21 _____ 17 _____
2. Metric unit for length _____ 23
3. Amount of space an object takes up _____ 16
4. 9.8 m/s^2 _____ 10
5. Metric unit for mass _____ 15
6. Instrument used to measure volume _____ 6 _____ 8 _____ 25 _____
7. Mass \div volume _____ 19 _____ 24 _____
8. 1 meter = 100 _____ 4
9. Metric unit for weight _____ 5
10. Metric unit for liquid volume _____ 3
11. Amount of matter in an object _____ 26
12. Measure of the force of gravity acting on an object _____ 18
13. Metric unit for temperature _____ 11 _____ 1 _____
14. 1 liter = 1,000 _____ 7
15. The name of the "bubble" _____ 22
16. 1000 grams = 1 _____ 12
17. Instrument used to measure length _____ 14
18. 1 milliliter = 1 _____ 13
19. Width, height, thickness, or distance _____ 9
20. Formula for calculating volume _____ \times _____ \times _____ 2

Why were the teacher's eyes crossed?

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