

Name: _____ Period: _____ Date: _____

Worksheet E-3
The Metric System

Unit E

Complete the metric conversion.

1. 660 m = _____ km

12. 799 g = _____ kg

2. 5.7 m = _____ cm

13. 8.5 cm = _____ mm

3. 543 mL = _____ L

14. 450 kg = _____ g

4. 529 mg = _____ g

15. 7.3 L = _____ mL

5. 23.7 g = _____ mg

16. 6,140 L = _____ kL

6. 2,640 mL = _____ L

17. 3,500 m = _____ km

7. 4.32 kL = _____ L

18. 89 km = _____ m

8. 75.4 mg = _____ g

19. 26.8 mm = _____ cm

9. 8,300 mg = _____ g

20. 750 m = _____ km

10. 7.3 m = _____ cm

21. 4.8 m = _____ cm

11. 250.3 kL = _____ L

Read the following story problems and complete the conversion.

22. Each morning Carlos runs **1.5 kilometers**. How many meters does he run?

23. A soda can contains **355 milliliters** of liquid. How many liters of liquid does it contain?

24. Gary's garden is **1,270 centimeters** around the edges. How many meters of fencing material does she need to enclose her garden?
25. For 11- to 14-year-olds, the Recommended Dietary Allowance (RDA) for protein is about 60 grams daily. How many milligrams do they need daily?

Complete the statement using $<$, $>$ or $=$.

26. **1.4 kL ____ 1400 L**

27. **1.5 g ____ 150 mg**

28. **5.8 cm ____ 580 mm**

29. **4.9 m ____ 490 cm**

30. **7.2 L ____ 7200 mL**