

Name \_\_\_\_\_

Class period \_\_\_\_\_

### Metric Review

1. A \_\_\_\_\_ is used to measure length.
2. To measure weight, or mass, we use \_\_\_\_\_.
3. To measure volume, scientists use \_\_\_\_\_.
4. In the \_\_\_\_\_ temperature scale, water freezes at \_\_\_\_\_°C and boils at \_\_\_\_\_°C.
5. Commonly used lengths: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
6. Common masses: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
7. Common volumes: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
8. What is one unit of measurement not used anymore? \_\_\_\_\_
9. What system is most commonly used in America? \_\_\_\_\_
10. What system is most commonly used throughout the world? \_\_\_\_\_
11. How did we get the meter? \_\_\_\_\_
12. How does most of the world spell meter? \_\_\_\_\_
13. What does meter and metric mean? \_\_\_\_\_
14. How did scientists invent the gram? \_\_\_\_\_
15. How did they invent the liter? \_\_\_\_\_
16. What is one way the U.S. uses metrics? \_\_\_\_\_

### Abbreviate

- |                     |                      |                      |
|---------------------|----------------------|----------------------|
| 17. Meter _____     | 20. Kiloliter _____  | 23. Kilogram _____   |
| 18. Liter _____     | 21. Gram _____       | 24. Milliliter _____ |
| 19. Milligram _____ | 22. Centimeter _____ | 25. Hectometer _____ |

26. Your pool will hold 34,570 liters. How many kiloliters is this? \_\_\_\_\_
27. Convert 4.99 kilometers to meters. \_\_\_\_\_
28. Convert 1000 mg (milligrams) to grams. \_\_\_\_\_
29. Convert 430 decigrams to hectograms. \_\_\_\_\_

30. How many meters is 3310 centimeters? \_\_\_\_\_
31. One mile is about 1.5 kilometers. How many meters is that? \_\_\_\_\_
32. How many grams are in 10 kilograms? \_\_\_\_\_
33. Convert 20 dekaliters to milliliters. \_\_\_\_\_
34. Convert 400 centigrams to grams. \_\_\_\_\_
35. A chair is 74 centimeters. How many meters? \_\_\_\_\_

Fill in the following table:

	hecto	deka	gram meter liter		centi	
1000	100		1	0.1		0

Abbreviate the following correctly.

- |       |             |       |             |
|-------|-------------|-------|-------------|
| _____ | hectoliters | _____ | centigrams  |
| _____ | millimeters | _____ | meters      |
| _____ | kilograms   | _____ | liters      |
| _____ | decimeters  | _____ | kiloliters  |
| _____ | grams       | _____ | centimeters |