

Name: _____ Period: _____

Metric prefixes always have the same meaning. They are added to make a unit larger or smaller. Each prefix has a special symbol. Study the chart below carefully. Look at each metric prefix and its value and symbol.

Prefix	kilo	hecto	deka	UNIT	deci	centi	milli
Value	1000	100	10	1	0.1	0.01	0.001
Symbol	k	h	da	m L g	d	c	m

Use the chart to find the word and symbol for each of the following.

WORD

SYMBOL

1. 1000 meters

kilometer

km

2. 10 liters

3. 100 grams

4. 0.1 of a liter

5. 10 grams

6. 0.001 of a liter

7. 100 meters

8. 0.001 of a gram

9. 0.01 of a meter

10. 1000 grams

11. 10 meters

12. 0.01 of a liter

13. 0.1 of a meter

Name: _____ Period: _____

Metric prefixes always have the same meaning. They are used to make a unit larger or smaller. Study the chart below carefully. Look at each metric prefix and its value.

Prefix	kilo	hecto	deka	UNIT	deci	centi	milli
Value	1000	100	10	1	0.1	0.01	0.001

Use the chart to fill in the missing numerals.

1. kilogram = _____ grams

2. centimeter = _____ of a meter

3. hectoliter = _____ liters

4. dekameter = _____ meters

5. decigram = _____ of a gram

6. milliliter = _____ of a liter

7. centigram = _____ of a gram

8. kiloliter = _____ liters

9. milligram = _____ of a gram

10. decimeter = _____ of a meter

11. hectometer = _____ meters

12. dekaliter = _____ liters

Use the prefixes in the chart above to make up a word for each of the following.

13. 1000 meters = _____

14. 0.001 of a meter = _____

15. 100 grams = _____

16. 0.1 of a liter = _____

17. 0.01 of a liter = _____

18. 10 grams = _____

19. 100 watts = _____

20. 0.01 of a year = _____

21. 1000 dollars = _____

22. 0.1 of a day = _____

23. 10 volts = _____

24. 0.001 of an amp = _____