

Metric Measures Study Guide

Name _____

Date _____ Hour _____

Directions: Use the Scientific Measures Pamphlet to answer the following questions.

Part I Instruments: Match the measure to the instrument. Use each choice once.

Measure	Instrument
_____ 1. Distance	A. Balance
_____ 2. Mass	B. Graduated cylinder
_____ 3. Temperature	C. Ruler
_____ 4. Time	D. Stopwatch
_____ 5. Volume	E. Thermometer

Part II Descriptions: Match the description to the measure. Use each choice once.

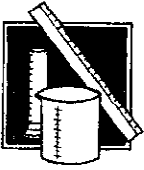
Description	Measure
_____ 6. How hot or cold something is	A. Distance
_____ 7. How much material is in an object	B. Mass
_____ 8. Amount of space something takes up	C. Temperature
_____ 9. How long an event takes	D. Time
_____ 10. How long, high, or wide something is	E. Volume

Part III Symbols: Write the correct symbol for each unit of measure.

_____ 11. Grams	_____ 16. Milliliters
_____ 12. Liters	_____ 17. Millimeters
_____ 13. Degrees Celsius	_____ 18. Seconds
_____ 14. Meters	_____ 19. Kilograms
_____ 15. Centimeters	_____ 20. Milligrams

Part IV Units: Match the measure to the unit. You may use choices more than once.

A. Distance	B. Mass	C. Temperature	D. Time	E. Volume
_____ 21. Meter	_____ 26. Milliliter	_____ 31. Kilometer		
_____ 22. Gram	_____ 27. Minute	_____ 32. Centimeter		
_____ 23. Second	_____ 28. Millisecond	_____ 33. Kilogram		
_____ 24. Millimeter	_____ 29. Liter	_____ 34. Milligram		
_____ 25. Year	_____ 30. Degrees Celsius	_____ 35. Month		



Metric Measures Predictions

Name _____

Date _____ Hour _____

Directions: Predict what the best metric unit of volume, mass, distance, temperature, or time would be for the following situations. Write your answers on the lines.

1. The distance from Earth to the moon 1. _____
2. The average temperature of the moon 2. _____
3. The time it takes to get to the moon 3. _____
4. The mass of the moon 4. _____
5. The time it takes for sunlight to be reflected from the moon to Earth 5. _____
6. The amount of gas in the gas tank of a car 6. _____
7. The distance a car can travel on a tank of gas 7. _____
8. The mass of a car 8. _____
9. The volume of catsup you need for an order of fries 9. _____
10. The mass of sugar in a glass of chocolate milk 10. _____
11. The temperature of a cold glass of milk 11. _____
12. The volume of a glass of milk 12. _____
13. The mass of fat in an order of fries 13. _____
14. The mass of vitamin C in a glass of orange juice 14. _____
15. The distance a student can run in one minute 15. _____
16. The volume of water a student can drink after running one minute 16. _____
17. The mass of a student 17. _____
18. The height of a student 18. _____
19. The mass of a housefly 19. _____
20. The length of a housefly 20. _____
21. The distance from Chicago to Boston 21. _____
22. The height of Mt. Everest 22. _____
23. The distance from school to home 23. _____
24. The volume of water in a swimming pool 24. _____
25. The width of your classroom 25. _____
26. The volume of water in an average-sized water balloon 26. _____
27. The mass of your pen or pencil 27. _____
28. The length of your pen or pencil 28. _____
29. The height of your school 29. _____
30. The mass of your lunch 30. _____