

Name _____

Time _____

Complete each equivalent measure.

Customary Units	Metric Units
Linear Measure	Linear Measure
1. 1 foot = _____ inches	19. 1 centimeter = _____ millimeters
2. 1 yard = _____ inches	20. 1 meter = _____ centimeters
3. 1 yard = _____ feet	21. 1 meter = _____ millimeters
4. 1 mile = _____ feet	22. 1 kilometer = _____ meters
5. 1 mile = _____ yards	
Area Measure	Area Measure
6. 1 foot ² = _____ inches ²	23. 1 meter ² = _____ centimeters ²
7. 1 yard ² = _____ feet ²	24. 1 kilometer ² = _____ meters ²
Volume Measure	Volume Measure
8. 1 yard ³ = _____ feet ³	25. 1 meter ³ = _____ centimeters ³
Weight	Mass
9. 1 pound = _____ ounces	26. 1 gram = _____ milligrams
10. 1 ton = _____ pounds	27. 1 kilogram = _____ grams
	28. 1 metric ton = _____ kilograms
Liquid Measure	Capacity
11. 1 pint = _____ ounces	29. 1 liter = _____ milliliters
12. 1 pint = _____ cups	30. One milliliter of water has a volume of _____ and a mass of _____. One thousand cm ³ of water fills a _____-liter container and has a mass of _____ kilogram.
13. 1 quart = _____ pints	
14. 1 gallon = _____ quarts	
Temperature	Temperature
15. Water freezes at _____ °F.	31. Water freezes at _____ °C.
16. Water boils at _____ °F.	32. Water boils at _____ °C.
17. Normal body temperature is _____ °F.	33. Normal body temperature is _____ °C.
Customary to Metric	
18. 1 inch = _____ centimeters	