Time

1 century = 100 years

1 decade = 10 years

1 year = 365 days = 52 weeks = 12 months

1 week = 7 days

1 day = 24 hours

1 hour = 60 minutes

1 minute = 60 seconds

Customary System of Measurement (USA)   **Big G**

1 foot = 12 inches

1 yard = 3 feet = 36 inches

1 mile = 5280 feet = 1760 yards

1 ton = 2000 pounds

1 pound = 16 ounces

1 gallon = 4 quarts = 8 pints = 16 cups 128 fluid ounces

1 quart = 2 pints = 4 cups = 32 fluid ounces

1 pint = 2 cups = 16 fluid ounces

1 cup = 8 fluid ounces

Metric System of Measurement

Length -

1 kilometer = 1000 meters

1 meter = 100 centimeters = 1000 millimeters

1 centimeter = 10 millimeters

Volume -

1 liter = 1000 milliliters

Mass -

1 kilogram = 1000 grams

1 gram = 1000 milligrams

K   H   D   U   D   C   M   **Metric Base Units**

Length -

Volume -

Mass –

Why do we need a standard system of measurement?

What number is the metric system based on?

What is the difference between capacity and volume?

652 cm = _____ m   24.6 km = _____ cm   3.07 g = _____ mg   8 L = _____ mL

55.4 mm = _____ cm   0.25 km = _____ m   4032 mL = _____ L   194.7 m = _____ cm

Michael drinks a 330ml bottle of lemon water every day. How much lemon water will he drink in one week? What is this in liters?

Ted's pail holds 2 qt of water. He filled the pail 6 times to wash his mother's car. How many gallons of water did Ted use?

Marie drank 3 cups of juice, Harold drank 1 pint and Ted drank 2 pints. How many cups did they drink altogether?

Find the equivalent measure.

34. 24 pt = _____ gal   35. 8 pt = _____ c   36. 3 qt = _____ pt

37. 80 oz = _____ 1b   38. 32 oz = _____ lb   39. 9 lb = _____ oz

7. 48 in. = _____ ft   8. 2 yd = _____ ft   9. 3 mi = _____ ft

10. 18 ft = _____ yd   11. 144 in. = _____ yd   12. 5 ft = _____ in.

13. 2 mi = _____ yd   14. 8 yd = _____ in.   15. 10,560 ft = _____ mi

16. 5 yd = _____ in.   17. 5280 yd = _____ mi   18. 6 ft = _____ in.