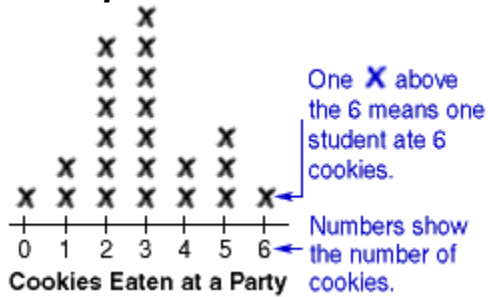


Chapter 12 – Relative Sizes of Measurement Units

line plot

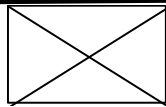
A graph that shows the [frequency](#) of [data](#) along a [number line](#)

Example:



linear units

Units that measure length, width, height, or distance



METRIC UNITS

Length

1 centimeter (cm) = 10 millimeters (mm)

1 decimeter (dm) = 10 centimeters

1 meter (m) = 10 decimeters

1 meter = 100 centimeters

1 kilometer (km) = 1,000 meters

Capacity

1 liter (L) = 1,000 milliliters (mL)

1 metric cup = 250 milliliters

Mass/Weight

1 gram (g) = 1,000 milligrams (mg)

1 kilogram (kg) = 1,000 grams

CUSTOMARY UNITS

Length

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet, or 36 inches

1 mile (mi) = 1,760 yards, or 5,280 feet

Capacity

1 tablespoon (tbsp) = 3 teaspoons (tsp)

1 cup (c) = 8 fluid ounces (fl oz)

1 pint (pt) = 2 cups

1 quart (qt) = 2 pints

1 gallon (gal) = 4 quarts

Mass/Weight

1 pound (lb) = 16 ounces (oz)

1 ton (T) = 2,000 pounds

TIME

1 minute (min) = 60 seconds (sec)

1 hour (hr) = 60 minutes

1 day = 24 hours

1 week (wk) = 7 days

1 year (yr) = 12 months (mo), or
about 52 weeks

1 year = 365 days

1 leap year = 366 days
