Table of Measures

Time

```
60 \text{ seconds (s)} = 1 \text{ minute (min)}
                                                                    365 days
                                                     52 weeks (approx.)
                                                                                  = 1 \text{ year}
    60 \text{ minutes} = 1 \text{ hour (h)}
        24 \text{ hours} = 1 \text{ day (d)}
                                                                  12 months
           7 \text{ days} = 1 \text{ week}
                                                                      10 \text{ years} = 1 \text{ decade}
                                                                    100 \text{ years} = 1 \text{ century}
```

Metric Units

```
10 \text{ millimeters (mm)} = 1 \text{ centimeter (cm)}
Length
                                         100 \text{ centimeters} = 1 meter (m)
                                                1000 \text{ meters} = 1 \text{ kilometer (km)}
                          100 square millimeters (mm<sup>2</sup>) = 1 square centimeter (cm<sup>2</sup>)
Area
                               10,000 square centimeters = 1 square meter (m<sup>2</sup>)
                                    10,000 square meters = 1 hectare (ha)
                          1000 cubic millimeters (mm<sup>3</sup>) = 1 cubic centimeter (cm<sup>3</sup>)
Volume
                            1,000,000 cubic centimeters = 1 cubic meter (m<sup>3</sup>)
Liquid Capacity
                                     1000 \text{ milliliters (mL)} = 1 \text{ liter (L)}
                                  1000 cubic centimeters = 1 liter
                                                 1000 \text{ liters} = 1 \text{ kiloliter (kL)}
Mass
                                    1000 \text{ milligrams (mg)} = 1 \text{ gram (g)}
                                                1000 \text{ grams} = 1 \text{ kilogram (kg)}
                                           1000 \text{ kilograms} = 1 \text{ metric ton (t)}
Temperature:
                                                         0^{\circ}C = freezing point of water
Degrees Celsius (°C)
                                                        37°C = normal body temperature
                                                       100°C = boiling point of water
```

Notice that the same prefixes are used in many metric units of measure.

```
Examples milli = thousandth: millimeter, milliliter, milligram
            centi = hundredth: centimeter
            kilo = thousand: kilometer, kiloliter, kilogram
```