

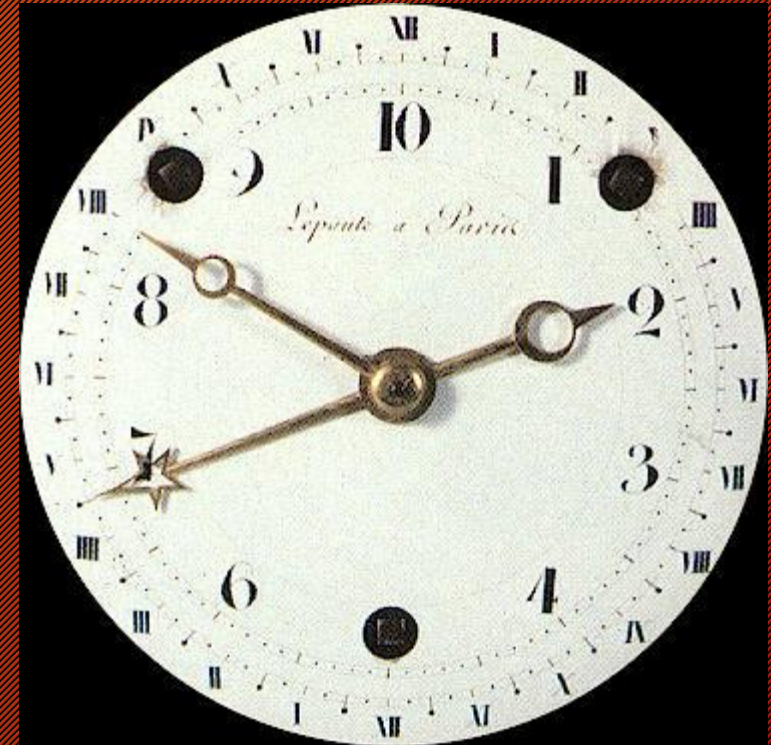
UNITS

TIME

- 1 second
- 1 minute = 60 seconds
- 1 hour = 60 minutes = 3,600 seconds
- 1 day = 24 hours = 1,440 minutes = 86,400 seconds
- 1 month = 28-31 days
- 1 year = 365.25 days

TIME

- **The French Revolutionary Calendar** was a calendar created and implemented during the French Revolution, and used by the French government for about 12 years from late 1793 to 1805, and for 18 days by the Paris Commune in 1871.
- There were twelve months, each divided into three ten-day weeks.
- Each day was divided into 10 hours, each hour into 100 decimal minutes, and each decimal minute into 100 decimal seconds. Thus an hour was 144 conventional minutes (more than twice as long as a conventional hour), a minute was 86.4 conventional seconds (44% longer than a conventional minute), and a second was 0.864 conventional seconds (13.6% shorter than a conventional second).



MASS

- 1 gram
- 1 kilogram = 1,000 grams
- 1 tonne = 1,000 kilograms = 1,000,000 grams

MASS

The United States and countries of the Commonwealth of Nations (UK, Canada, former British colonies...)

- 1 pound (lb) = 453 g = 16 ounces (oz)
- 1 ounce = 28 g

LENGTH

- 1 mm
- 1 cm = 10 mm
- 1 dm = 10 cm = 100 mm
- 1 m = 10 dm = 100 cm = 1,000 mm
- 1 km = 1,000 m = 100,000 cm = 1,000,000 mm

LENGTH

The United States

- 1 yard (yd) = 0.9144 m = 3 feet (ft) = 36 inches (in)
- 1 foot = 30.48 cm = 12 in
- 1 inch = 2.54 cm

- 1 mile (mi) = 1,609 m

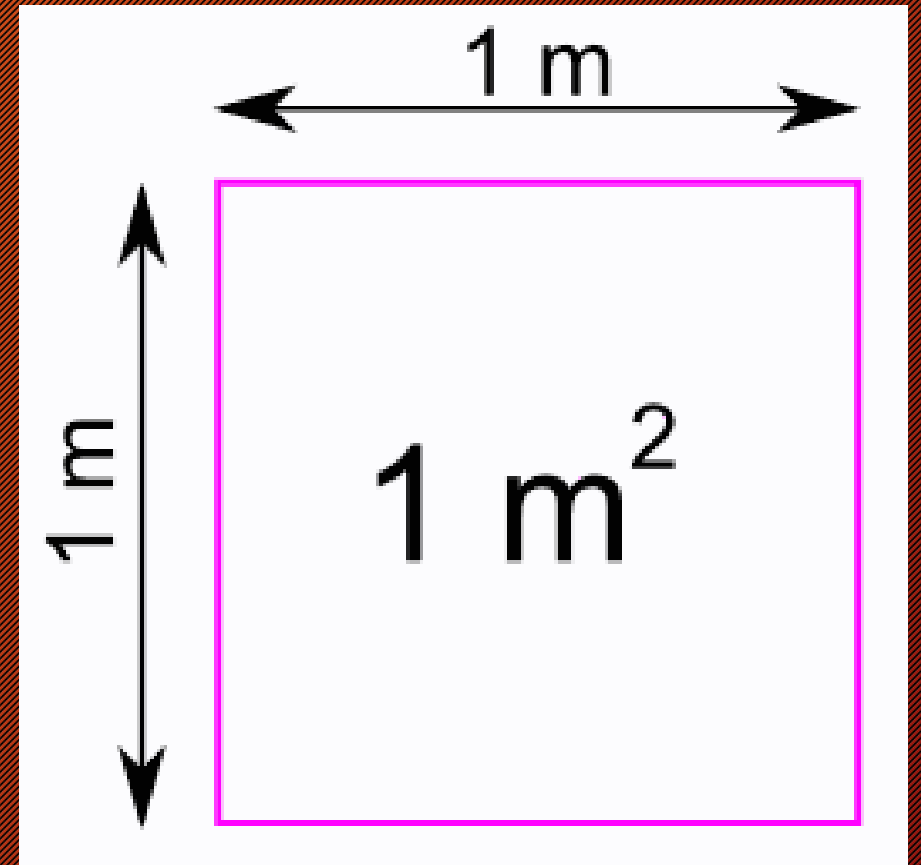
LENGTH

Astronomy

- 1 light-year (ly) = 10,000,000,000,000 km
(10 trillion kilometers)
- 1 parsec (pc) = 3.3 ly

AREA

- 1 mm^2
- $1 \text{ cm}^2 = 100 \text{ mm}^2$
- $1 \text{ m}^2 = 10,000 \text{ cm}^2$
- $1 \text{ km}^2 = 1,000,000 \text{ m}^2$
- $1 \text{ mi}^2 = 2.6 \text{ km}^2$



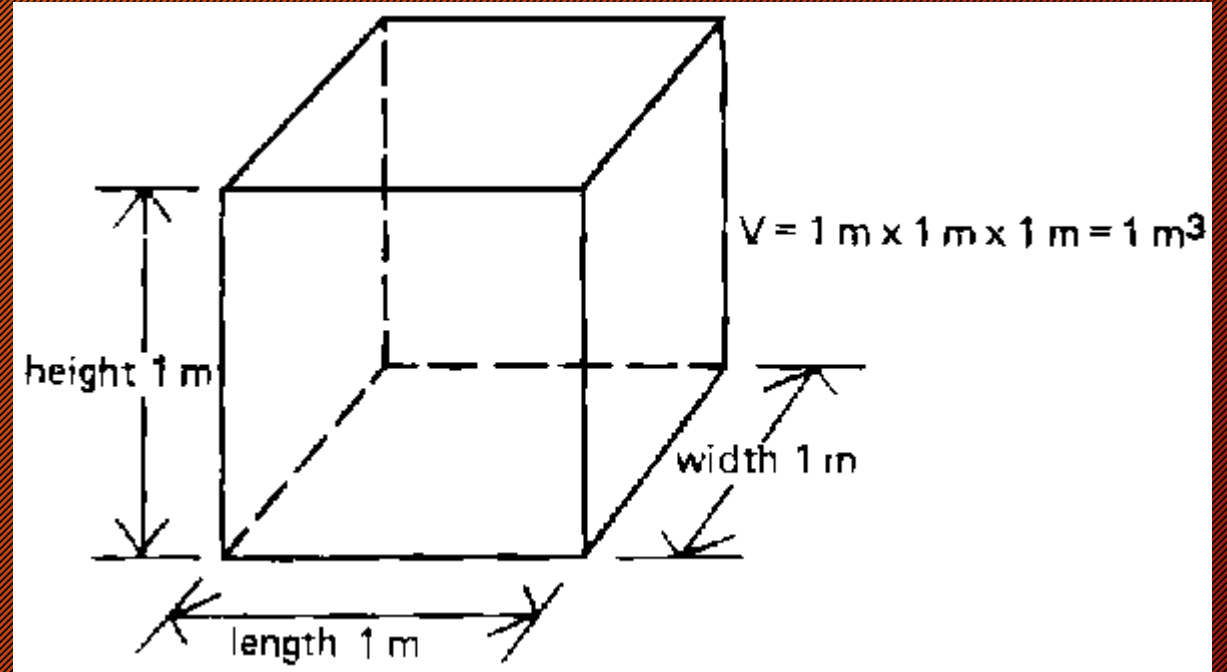
AREA

- Measuring land area
- 1 are (a) = 10 m x 10 m = 100 m²
- 1 hectare (ha) = 100 a
- 1 morgen (jytpo) = 0.6 ha



VOLUME

- 1 mm^3
- $1 \text{ cm}^3 = 1,000 \text{ mm}^3$
- $1 \text{ dm}^3 = 1,000 \text{ cm}^3$
- $1 \text{ m}^3 = 1,000 \text{ dm}^3$



VOLUME

- 1 litre (l) = 1 dm³ = 10 dl = 1,000 ml
- 1 m³ = 1,000 l
- American spelling: liter

VOLUME

In cooking recipes

- 1 teaspoon (tsp.) = 5 ml
- 1 tablespoon (tbsp.) = 15 ml
- 1 pint = 568 ml (UK) or 473 ml (US)



TEMPERATURE

Temperature scales:

- Celsius
 - $0\text{ }^{\circ}\text{C}$ = the freezing point of water
 - $100\text{ }^{\circ}\text{C}$ = the boiling point of water
- Kelvin
 - 0 K = absolute zero
- $[\text{K}] = [^{\circ}\text{C}] + 273$

TEMPERATURE

- Fahrenheit
- Symbol °F
- Officially used in the US
- $[\text{°C}] = ([\text{°F}] - 32) \times \frac{5}{9}$
- Approximately: $[\text{°C}] = ([\text{°F}] - 30)/2$

abc

**FIRST ALERT**
WEATHER 7 DAY

POWERED BY AccuWeather

TUESTORMS
BY
EVENING**83****64****WED**STILL
WARM**80****53****THU**COOLER
BY THE
LAKE**70****49****FRI****72****50****SAT****74****53****SUN****77****59****MON**FEW
STORMS
LATE**80****60**