

## Units of Land Measurements

1 Hectare =	2.5 Acres
1 Acre =	40 Gunthas
1 Guntha=	121 sq.yards = 101.17 sq.metres
1 Guntha=	33 ft. x 33 ft. = 1089 sq.feet
1 Acre=	4840 sq.yards
1 Acre=	4067.23 sq.metres
1 Acre=	43,560 sq.feet
1 sq. yard =	0.8361 sq.metre
1 sq. metre =	1.190 sq.yards
1 sq. yard=	9 sq. feet
1 sq. metre =	10.76 sq.feet

### Some terms to remember

<b>Meter – Length</b>	<b>Kilo – Thousand</b>
<b>Liter – Volume</b>	<b>Milli – Thousand</b>
<b>Gram – Mass/Weight</b>	<b>Centi – Hundred</b>
<b>Celsius – Temperature</b>	<b>Deci – Ten</b>

### Measure of Lengths

10 millimeters (mm) =	1 centimeter (cm)
10 centimeters =	1 decimeter (dm) = 100 millimeters
100 centimeter =	1 meter (m) = 1,000 millimeters
1000 meters =	1 kilometer (km)
12 Inches =	1 foot

3 feet =	1 yard
8 furlongs	1 mile (5280 feet)

## Metric mass

1000 grams=	1 kilogram
1000 kilograms=	1 ton

## Measure of Meters

### **For example:**

- 1 kilometer (km) = 0.62 mile (mi)
- 1 kilometer (km) = 3280.8 feet (ft)
- 1 meter (m) = 3.28 feet (ft)
- 1 centimeter (cm) = 0.39 inch (in)
- 1 millimeter (mm) = 0.039 inch (in)
- 1 inch (in) = 2.54 centimeters (cm)
- 1 inch (in) = 25.4 millimeters (mm)
- 1 foot (ft) = 0.30 meter (m)
- 1 yard (yd) = 0.91 meter (m)
- 1 yard (yd) = 0.00091 kilometer (km)
- 1 mile (mi) = 1.61 kilometers (km)

### **The fraction would be:**

$$\frac{1 \text{ kilometer (km)}}{0.62 \text{ miles (mi)}} \quad \frac{\text{(numerator)}}{\text{(denominator)}}$$