

Warm up

Convert to inches

7 feet 5 1/2 inches $7 \times 12 = 84$ $89 \frac{1}{2}''$
 $84 + 5 = 89$

Convert to feet and inches

72 1/4 inches $\frac{72}{12} = 6$ $6' \frac{1}{4}''$
 $80 \frac{1}{3}$ inches $\frac{80}{12} = 6 \bar{6}$ $6 \times 12 = 72$ $80 - 72 = 8$ $6' 8 \frac{1}{3}''$

Metric System

Kilo hecto deko Prefixes deci centi milli
 meters
 litres
 grams

Converting to **larger** units move decimal point to the **left**.

Converting to **smaller** units move decimal point to the **right**.

1. 823,504 centimeters = 8.235 meters
2. 628.179 hectograms = 62817.900 grams
3. 5.23878 Kilolitres = 52.388 hectolitres