

English/Metric Length

1 inch = 2.54 centimeters
1 in = 1" = 2.54 cm

2.54 cm

1 in

1 in

2.54 cm

0.3937 in

1 cm

exactly
2.54
centimeters
per inch

exactly
1 inch
per 2.54
centimeters

about
0.3937 inches
per
centimeter

English Length Units

12 inches	= 1 foot
3 feet	= 1 yard
5280 feet	= 1 mile

1 fathom = 6 feet

1 rod = 5.5 yards

1 furlong = 40 rods

1 mile = ??? furlongs

Conversion Factor

$$100 \text{ yd} \times \frac{36 \text{ in}}{1 \text{ yard}} \times \frac{2.54 \text{ cm}}{1 \text{ in}} \times \frac{1 \text{ m}}{100 \text{ cm}} = 91.4 \text{ m}$$

$$\frac{0.914 \text{ m}}{1 \text{ yd}}$$