

Converting Length

Inches to Feet ($\div 12$)	Inches to Feet and Inches
<p>9 inches = <u>.75</u> feet $9 \div 12 = .75'$</p> <p>120 inches = <u>10</u> feet $120 \div 12 = 10'$</p> <p>223.5 inches = <u>18.625</u> feet $223.5 \div 12 = 18.625'$</p>	<p>112 inches = <u>9</u> feet <u>4</u> inches $112 \div 12 = 9.333'$ $.333 \times 12 = 4''$</p> <p>331 inches = <u>27</u> feet <u>7</u> inches $331 \div 12 = 27.583'$ $.583 \times 12 = 7''$</p> <p>556.5 inches = <u>46</u> feet <u>4.5</u> inches $556.5 \div 12 = 46.375'$ $.375 \times 12 = 4.5''$</p> <p>612 inches = <u>51</u> feet <u>0</u> inches $612 \div 12 = 51'$</p>
Feet to Inches ($\times 12$)	Feet to Feet and Inches
<p>7 feet = <u>84</u> inches $7 \times 12 = 84''$</p> <p>13.6 feet = <u>163.2</u> inches $13.6 \times 12 = 163.2''$</p> <p>211.05 feet = <u>2,532.6</u> inches $211.05 \times 12 = 2,532.6''$</p>	<p>5.25 feet = <u>5</u> feet <u>3</u> inches $.25 \times 12 = 3''$</p> <p>13.112 feet = <u>13</u> feet <u>1.3</u> inches $.112 \times 12 = 1.3''$</p> <p>100.77 feet = <u>100</u> feet <u>9.2</u> inches $.77 \times 12 = 9.2''$</p> <p>140.5 feet = <u>140</u> feet <u>6</u> inches $.5 \times 12 = 6''$</p>

Feet and Inches to Inches

$$5' 7'' = \underline{67} \text{ inches}$$
$$5 \times 12 = 60 + 7 = 67''$$

$$14' 10'' = \underline{178} \text{ inches}$$
$$14 \times 12 = 168 + 10 = 178''$$

$$32' 1'' = \underline{385} \text{ inches}$$
$$32 \times 12 = 384 + 1 = 385''$$

$$67' 8'' = \underline{812} \text{ inches}$$
$$67 \times 12 = 804 + 8 = 812''$$

Feet and Inches to Feet

$$5' 7'' = \underline{5.58} \text{ feet}$$
$$7 \div 12 = .58'$$

$$12' 11'' = \underline{12.92'} \text{ feet}$$
$$11 \div 12 = .92'$$

$$51' 5'' = \underline{51.42} \text{ feet}$$
$$5 \div 12 = .42'$$

$$67' 8'' = \underline{61.67} \text{ feet}$$
$$8 \div 12 = .67'$$

Feet to Miles ($\div 5,280$)

$$1,056 \text{ feet} = \underline{.2} \text{ miles}$$
$$1,056 \div 5,280 = .2 \text{ miles}$$

$$7,114 \text{ feet} = \underline{1.35} \text{ miles}$$
$$7,114 \div 5,280 = 1.35 \text{ miles}$$

$$23,056.75 \text{ feet} = \underline{4.37} \text{ miles}$$
$$23,056.75 \div 5,280 = 4.37 \text{ miles}$$

$$322,773.25 \text{ feet} = \underline{61.13} \text{ miles}$$
$$322,773.25 \div 5,280 = 61.13 \text{ miles}$$

Miles to Feet ($\times 5,280$)

$$.45 \text{ miles} = \underline{2,376} \text{ feet}$$
$$.45 \times 5,280 = 2,376 \text{ feet}$$

$$1.54 \text{ miles} = \underline{8,131.2} \text{ feet}$$
$$1.54 \times 5,280 = 8,131.2 \text{ feet}$$

$$3 \text{ miles} = \underline{15,840} \text{ feet}$$
$$3 \times 5,280 = 15,840 \text{ feet}$$

$$4.02 \text{ miles} = \underline{21,225.6} \text{ feet}$$
$$4.02 \times 5,280 = 21,225.6 \text{ feet}$$

Feet to Yards ($\div 3$)

$$1.8 \text{ feet} = \underline{.6} \text{ yards}$$

$$1.8 \div 3 = .6 \text{ yards}$$

$$6 \text{ feet} = \underline{2} \text{ yards}$$

$$6 \div 3 = 2 \text{ yards}$$

$$12.75 \text{ feet} = \underline{4.25} \text{ yards}$$

$$12.75 \div 3 = 4.25 \text{ yards}$$

$$21.05 \text{ feet} = \underline{7.02} \text{ yards}$$

$$21.05 \div 3 = 7.02 \text{ yards}$$

$$519.95 \text{ feet} = \underline{173.32} \text{ yards}$$

$$519.95 \div 3 = 173.32 \text{ yards}$$

Yards to Feet ($\times 3$)

$$.6 \text{ yards} = \underline{1.8} \text{ feet}$$

$$.6 \times 3 = 1.8 \text{ feet}$$

$$5.8 \text{ yards} = \underline{17.4} \text{ feet}$$

$$5.8 \times 3 = 17.4 \text{ feet}$$

$$12 \text{ yards} = \underline{36} \text{ feet}$$

$$12 \times 3 = 36 \text{ feet}$$

$$19.33 \text{ yards} = \underline{57.99} \text{ feet}$$

$$19.33 \times 3 = 57.99 \text{ feet}$$

$$162.05 \text{ yards} = \underline{486.15} \text{ feet}$$

$$162.05 \times 3 = 486.15 \text{ feet}$$