

Warm up

September 8

12 inches = 1 foot
3 feet = 1 yard
1760 yards = 1 mile

Convert the following measurements

1. 1582 yards to miles

$$1582 \text{ yds} \times \frac{1 \text{ mi}}{1760 \text{ yds}} = 0.89 \text{ mi}$$

2. $10' \frac{3''}{4}$ to inches.

$$10 \times 12 \dots 120 \frac{3''}{4}$$

3. $9 \frac{1}{2}$ yards to feet

$$9.5 \text{ yd} \times \frac{3 \text{ ft}}{1 \text{ yd}} = 28.5 \text{ ft}$$
$$28' 6''$$

4. 83 inches to feet and inches

$$\frac{83}{12} = 6 \dots 6 \times 12 = 72$$
$$\begin{array}{r} 83 \\ -72 \\ \hline 11 \end{array} \dots 6' 11''$$

Homework

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