

Customary Units of Length

Convert 70 in. to feet and inches.

Step 1: Use the information at the right to find the relationship between inches and feet.

$$12 \text{ in.} = 1 \text{ ft}$$

Customary Units of Length

$$12 \text{ in.} = 1 \text{ ft} \quad 5,280 \text{ ft} = 1 \text{ mi}$$

$$3 \text{ ft} = 1 \text{ yd} \quad 1,760 \text{ yd} = 1 \text{ mi}$$

$$36 \text{ in.} = 1 \text{ yd}$$

Step 2: Decide if you should multiply or divide.

An inch is smaller than a foot.

To change from a smaller unit to a larger unit, divide.

Step 3: Divide by 12 to find the number of feet and inches.

$$70 \div 12 = 5 \text{ R}10$$

$$70 \text{ in.} = 5 \text{ ft and } 10 \text{ in.}$$

$$70 \text{ in.} = 5 \text{ ft } 10 \text{ in.}$$

Complete.

1. _____ in. = 3 ft

2. 14 yd = _____ ft

3. _____ in. = 11 ft

4. 3 mi = _____ ft

5. _____ in. = 5 yd

6. _____ yd = 72 in.

7. _____ ft = 60 in.

8. 9 ft = _____ yd

9. 4 yd = _____ ft

10. _____ in. = 4 ft 3 in.

11. _____ ft = 3 yd 2 ft

12. 152 in. = _____ ft _____ in.

13. 36 ft = _____ yd

14. 7,000 ft = _____ mi _____ ft

15. 1 mi 10 ft = _____ ft