

# Customary Length

You can convert one customary unit of length to another customary unit of length by multiplying or dividing.

Multiply to change from larger to smaller units of length.

Divide to change from smaller to larger units of length.

**Convert 3 feet to inches.**

**Step 1**

Decide:

Multiply or Divide

feet → inches  
larger → smaller

**Step 2**

Think:

1 ft = 12 in., so  
3 ft = (3 × 12) in.

### Customary Units of Length

1 foot (ft) = 12 inches (in.)

1 yard (yd) = 3 feet

1 mile (mi) = 5,280 feet

1 mile = 1,760 yards

**Step 3**

Multiply.

$3 \times 12 = 36$

So, 3 feet = 36 inches.

**Convert 363 feet to yards.**

**Step 1**

Decide:

Multiply or Divide

feet → yards  
smaller → larger

**Step 2**

Think:

3 ft = 1 yd,  
so 363 ft = (363 ÷ 3) yd.

**Step 3**

Divide.

$363 \div 3 = \underline{121}$

So, 363 feet = 121 yards.

**Convert.**

1. 33 yd = \_\_\_\_\_ ft      2. 300 mi = \_\_\_\_\_ yd      3. 46 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.

4. 96 yd = \_\_\_\_\_ ft      5. 48 ft = \_\_\_\_\_ yd      6. 2 mi 20 yd = \_\_\_\_\_ yd

**Compare. Write <, >, or =.**

7. 2 yd ○ 7 ft

8. 67 mi ○ 117,920 yd

9. 250 yd ○ 800 ft

10. 14 yd 2 ft ○ 16 ft

11. 34 ft 10 in. ○ 518 in.

12. 5 mi 8 ft ○ 8,800 yd

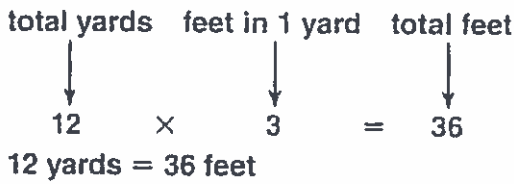
**Customary Length**

Convert.

1. 12 yd = 36 ft

2. 5 ft = \_\_\_\_\_ in.

3. 5 mi = \_\_\_\_\_ ft



4. 240 in. = \_\_\_\_\_ ft

5. 100 yd = \_\_\_\_\_ ft

6. 10 ft = \_\_\_\_\_ in.

7. 150 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.

8. 7 yd 2 ft = \_\_\_\_\_ ft

9. 10 mi = \_\_\_\_\_ ft

Compare. Write <, >, or =.

10. 23 in. ○ 2 ft

11. 25 yd ○ 75 ft

12. 6,200 ft ○ 1 mi 900 ft

13. 100 in. ○ 3 yd 1 ft

14. 1,000 ft ○ 300 yd

15. 500 in. ○ 40 ft

**Problem Solving**



16. Marita orders 12 yards of material to make banners. If she needs 1 foot of fabric for each banner, how many banners can she make?

\_\_\_\_\_

17. Christy bought an 8-foot piece of lumber to trim a bookshelf. Altogether, she needs 100 inches of lumber for the trim. Did Christy buy enough lumber? Explain.

\_\_\_\_\_

\_\_\_\_\_