



# Additional Practice 12-1

## Convert Customary Units of Length

### Another Look!

Remember:

1 foot equals 12 inches.

1 yard equals 3 feet, or 36 inches.

1 mile equals 1,760 yards,  
or 5,280 feet.



How to change from one customary unit of length to another:

Converting from a smaller unit  
to a larger unit:

6 feet = \_\_\_\_\_ yards

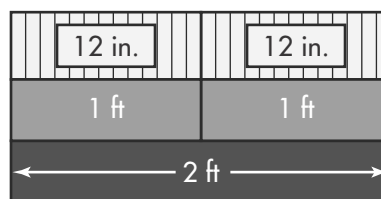


You know 3 ft = 1 yd. **Divide**  $6 \div 3$ .

So, 6 ft = 2 yd.

Converting from a larger unit  
to a smaller unit:

2 feet = \_\_\_\_\_ inches



You know 1 ft = 12 in. **Multiply**  $2 \times 12$ .

So, 2 ft = 24 in.

In **1–9**, convert each unit of length.

1. 12 ft = \_\_\_\_\_ yd

2. 2 mi = \_\_\_\_\_ yd

3. 46 in. = \_\_\_\_\_ ft \_\_\_\_\_ in.

4. 7 ft = \_\_\_\_\_ in.

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

6. 108 in. = \_\_\_\_\_ ft

7. 72 in. = \_\_\_\_\_ yd

8. 2 ft 3 in. = \_\_\_\_\_ in.

9. 45 in. = \_\_\_\_\_ yd \_\_\_\_\_ in.

In **10–15**, compare lengths. Write  $>$ ,  $<$ , or  $=$  for each  $\bigcirc$ .

10. 64 in.  $\bigcirc$  5 ft

11. 2 mi  $\bigcirc$  3,333 yd

12. 36 yd 2 ft  $\bigcirc$  114 ft 2 in.

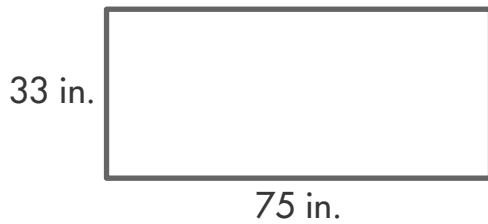
13. 9 yd  $\bigcirc$  324 in.

14. 4 ft 7 in.  $\bigcirc$  56 in.

15. 25 ft  $\bigcirc$  8 yd 11 in.



16. Find the perimeter of the rectangle in yards.



17. Lucy wants to make different types of cheesecake. Each cheesecake uses  $\frac{2}{3}$  pound of cream cheese. She has 2 pounds of cream cheese. How many cheesecakes can she make?

For 18 and 19, use the table.

18. Four friends each took a different path walking from the lunchroom to the gymnasium. The table shows the distance that each of them walked. Who walked the farthest?

19. Write the distance Domingo walked in feet and in inches.

A cartoon girl with blonde pigtails, wearing a denim jacket and boots, is holding a large sign. The sign has a header "Distance Walked" and a table with four rows of data. To the left of the table is a vertical label "DATA".

Distance Walked	
Rowan	150 yd
Janelle	429 ft 8 in.
Domingo	130 yd 2 ft
Lydia	460 ft

20. **Be Precise** Jordan is 4 feet 8 inches tall. Her mother is 5 feet 10 inches tall. How much taller is Jordan's mother than Jordan? Give your answer in feet and inches.

21. **Higher Order Thinking** How can you find the number of inches in 1 mile? Show your work.

### Assessment Practice

22. Select all of the measurements greater than 100 inches.

- ☐ 8 feet 6 inches
- ☐ 8 feet
- ☐ 3 yards
- ☐ 2 yards 19 inches

23. Select all of the measurements less than 4 yards.

- ☐ 143 inches
- ☐ 47 feet
- ☐ 12 feet
- ☐ 11 feet