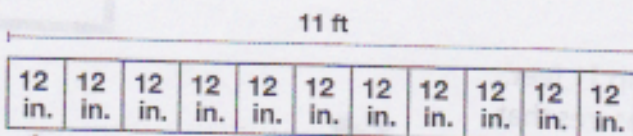


To change larger units to smaller units, multiply.

$$11 \text{ ft} = \quad \text{in.}$$

Think 1 foot = 12 inches.



1 ft

Find 11×12 .

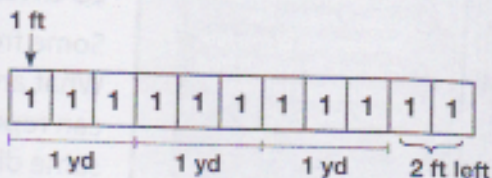
$$11 \times 12 = 132$$

11 feet = 132 inches

To change smaller units to larger units, divide.

$$11 \text{ ft} = \quad \text{yd} \quad \text{ft}$$

Think 3 feet = 1 yard.



Find $11 \div 3$.

$$11 \div 3 = 3 \text{ R}2$$

11 feet = 3 yards, 2 feet

15. 1 T = oz

16. 440 yd = mi

17. 5 gal = c

18. 12 ft 7 in. = in.

19. 30 qt = gal qt

20. 52 ft = yd ft

21. 4 qt 1 pt = pt

22. 4 yd 2 ft = in.

23. 1 gal 1 c = fl oz

Problem Solving

24. Sue is making punch. She needs 3 cups of orange juice and 6 pints of lemonade. How many fluid ounces of orange juice and how many quarts of lemonade does she need?
25. Kirk packed 6 bushels of corn. A bushel of corn weighs 35 pounds. How many ounces of corn did he pack in each bushel? How many ounces did he pack in all?
26. The world's longest known venomous snake is the king cobra, which measures about 18 feet. The world's shortest known venomous snake is the dwarf adder, which measures about 8 inches. What is the difference in length?
27. One tablespoon (tbsp) equals 3 teaspoons (tsp), and 1 fluid ounce equals 2 tablespoons. A recipe calls for 3 tablespoons of pineapple juice. A jar of pineapple juice has 12 fluid ounces. How many teaspoons of juice are in the jar?
28. Don drives a truck that weighs 1 ton. He picked up 2 tons of patio stones. Which is the number of pounds the truck and the patio stones weigh together?
- A 60 lb C 6,000 lb
B 600 lb D 60,000 lb
29. **Think About the Process** Hector has a roll of craft wire. There are 36 yards of wire on the roll. Which expression can Hector use to find the number of inches of wire that are on the roll?
- A $(36 \times 3) \times 12$ C $(36 \times 3) \div 12$
B $(36 \div 3) \times 12$ D $(36 \div 3) \div 12$