28

_____   _____
Name   Date

Use the tape diagram to help you convert each measurement.

1.
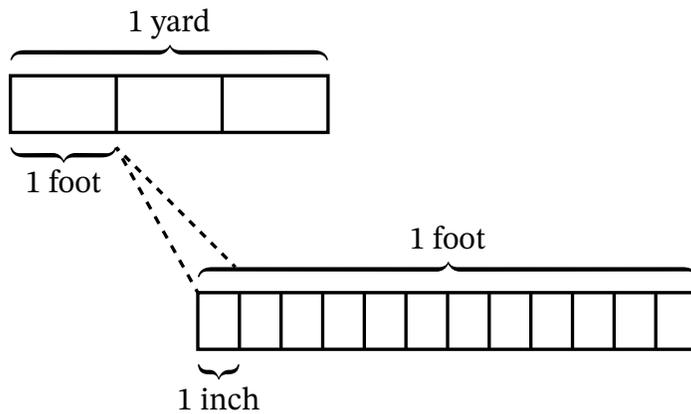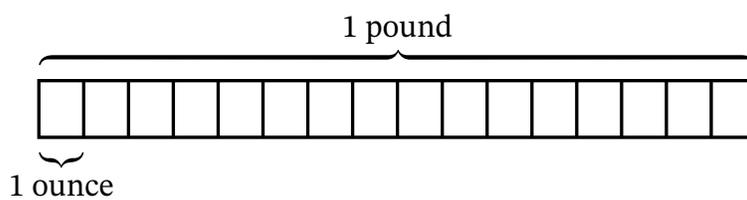
1 yard

1 foot

1 foot

1 inch

a. 1.5 yd = _____ ft

b. 2.4 ft = _____ yd

c. _____ ft = 3.75 yd

d. _____ ft = 42 in

2.

1 pound

1 ounce

a. 0.75 lb = _____ oz

b. 28 oz = _____ lb

c. _____ lb = 20 oz

3.

1 gallon

1 quart

1 quart

1 pint

1 pint

1 cup

a. $2.5 \text{ gal} = \underline{\hspace{1cm}} \text{ qt}$

b. $0.5 \text{ pt} = \underline{\hspace{1cm}} \text{ qt}$
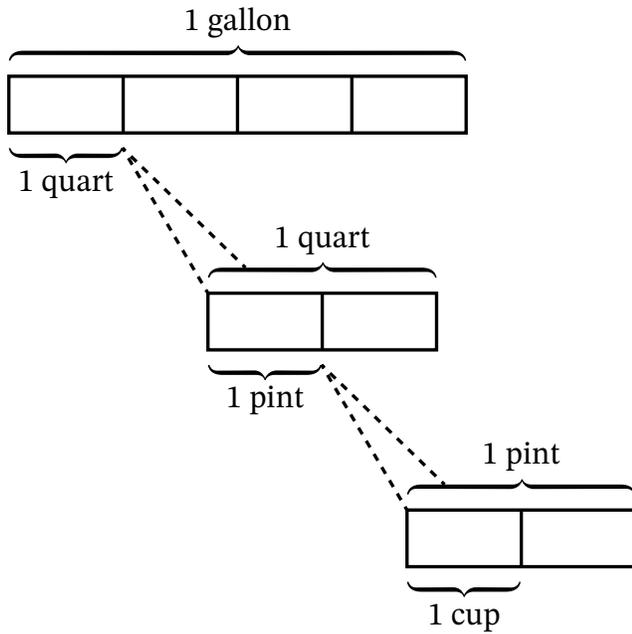
c. $\underline{\hspace{1cm}} \text{ c} = 1.25 \text{ pt}$

d. $\underline{\hspace{1cm}} \text{ gal} = 12 \text{ pt}$

Use the Read–Draw–Write process to solve each problem.

4. Scott makes 7.25 pints of tea. Scott and his friends drink 7 cups of tea. How many cups of tea are left?

5. The table shows how much a puppy weighs at different ages.

a. What is the puppy's weight at 2 months old? Write your answer in mixed units by using pounds and ounces.

Age (months)	Weight (pounds)
2	10.3
3	21.7
4	30.2
5	39.8

b. When the puppy is 3 months old, it eats 9 ounces of food each day for 28 days. How many pounds of food does the puppy eat?

c. There are 4 weeks between the time the puppy is weighed at 4 months old and when it is weighed at 5 months old. The puppy gains an equal number of ounces each of those weeks. How many ounces does the puppy gain each week?