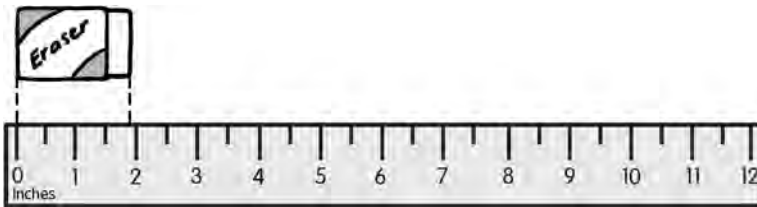
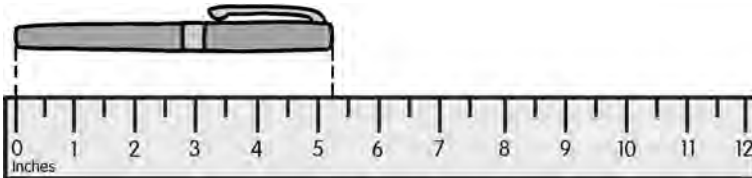
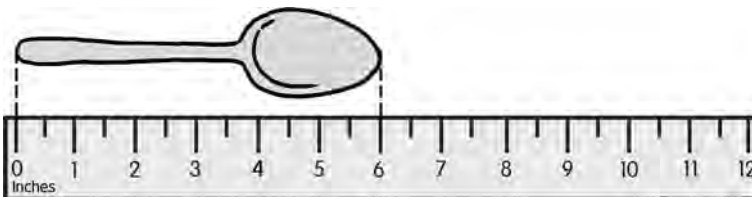


CHAPTER
15**Customary Length, Weight,
and Capacity****Worksheet 1 Measuring Length****Measure the length of each object to the nearest inch.****1.**

The eraser is about _____ inches long.

2.

The pen is about _____ inches long.

3.

The spoon is _____ inches long.

These rulers are
smaller than in
real life.

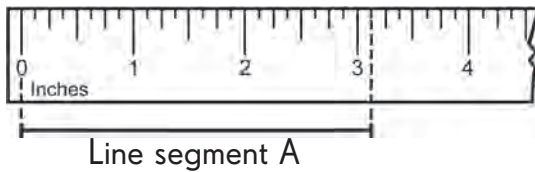


Name: _____

Date: _____

Measure each line segment to the nearest inch.

Example

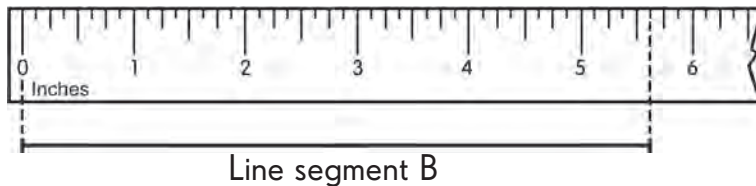


The length of line segment A is nearer to 3 inches than to 4 inches. So, the length of line segment A is about 3 inches.

Line segment A is about 3 inches.

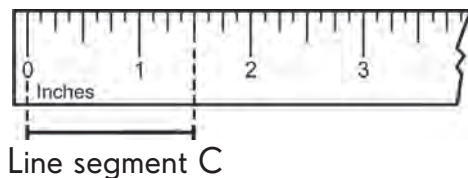


4.



Line segment B is about _____ inches.

5.



Line segment C is about _____ inches.

These rulers are smaller than in real life.

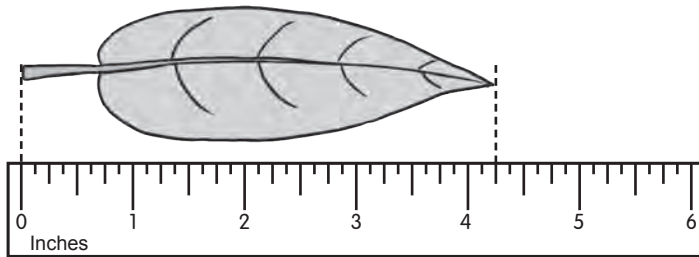


Name: _____

Date: _____

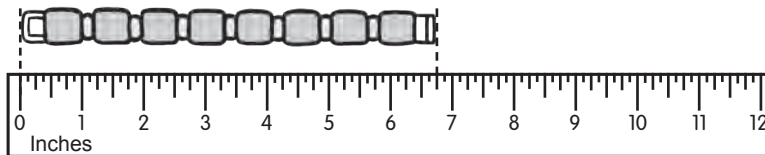
Measure the length of each object to the nearest inch.

6.



The leaf is about _____ inches long.

7.

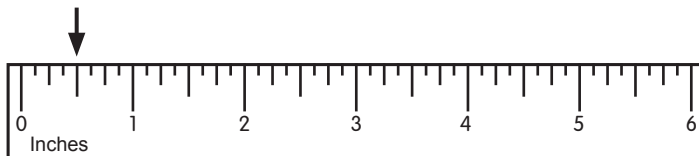


The bracelet is about _____ inches long.

These rulers are smaller than in real life.



Fill in the blanks.



8. There are _____ divisions in each inch.

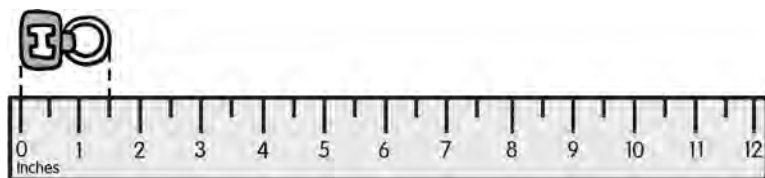
9. The arrow is pointing to _____ inch.

Name: _____

Date: _____

Measure the keychain to the nearest half inch.

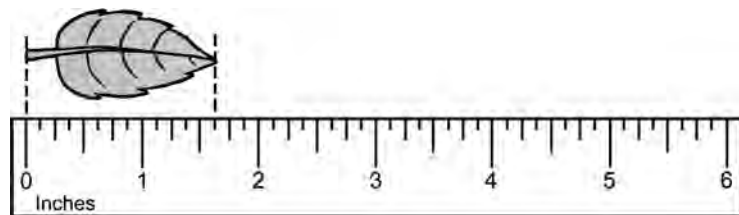
10.



The keychain is _____ inches long.

Measure the length of each object to the nearest half inch.

Example



The leaf is more than $1\frac{1}{2}$ inches but less than
 2 inches.

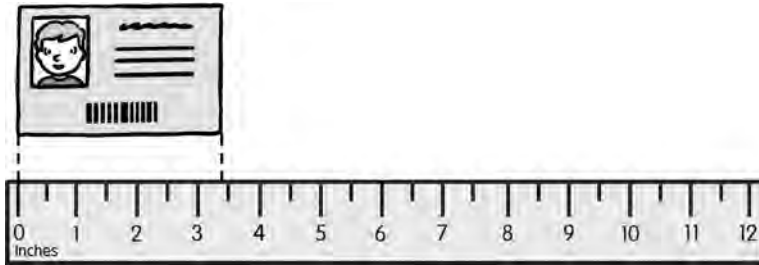
It is nearer to $1\frac{1}{2}$ inches than 2 inches.

The leaf is $1\frac{1}{2}$ inches to the nearest half inch.

Name: _____

Date: _____

11.

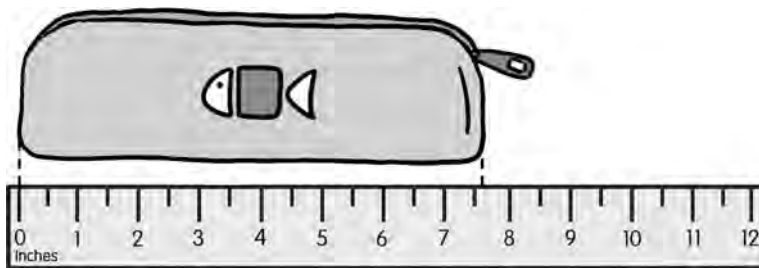


The card is more than _____ inches but less than _____ inches.

It is nearer to _____ inches than _____ inches.

The card is _____ inches to the nearest half inch.

12.



The pencil case is more than _____ inches but less than _____ inches.

It is nearer to _____ inches than _____ inches.

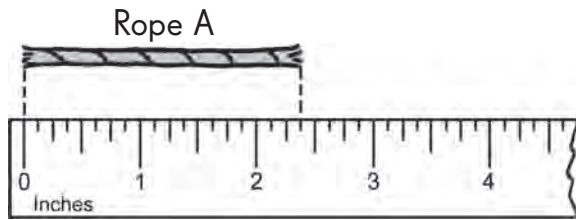
The pencil case is _____ inches to the nearest half inch.

These rulers are smaller than in real life.



Measure each rope to the nearest half inch.

Example

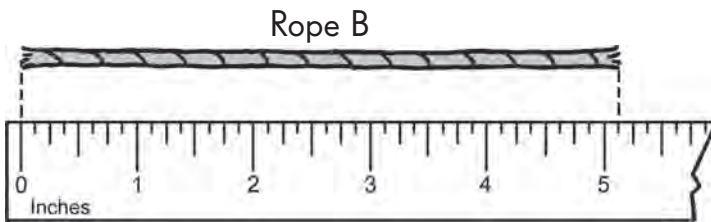


The length of Rope A is nearer to $2\frac{1}{2}$ inches than 2 inches. So, the length of Rope A is $2\frac{1}{2}$ inches to the nearest half inch.

Rope A is about $2\frac{1}{2}$ inches.

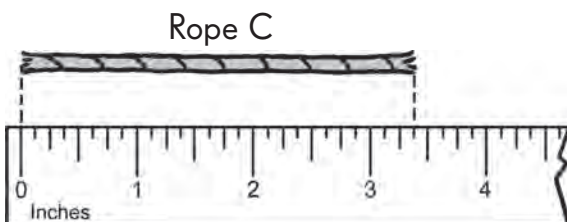


13.



Rope B is about _____ inches.

14.



Rope C is about _____ inches.

These rulers are smaller than in real life.

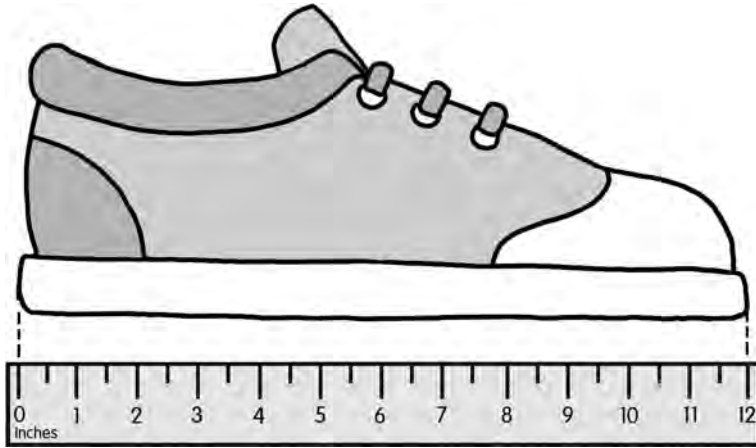


Name: _____

Date: _____

Fill in the blanks.

15.



The shoe is _____ inches.

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

16. Which is longer, 12 feet or 12 inches?

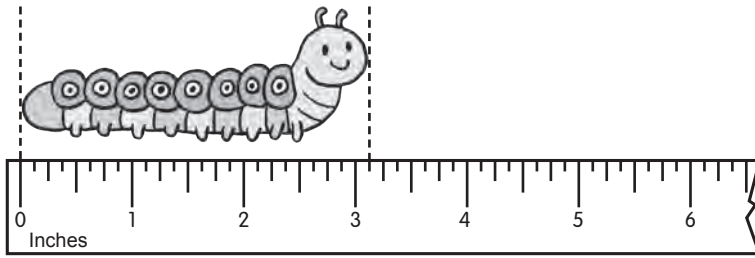
12 _____ is longer than 12 _____.

Name: _____

Date: _____

Measure the length of each object to the nearest quarter inch.

Example

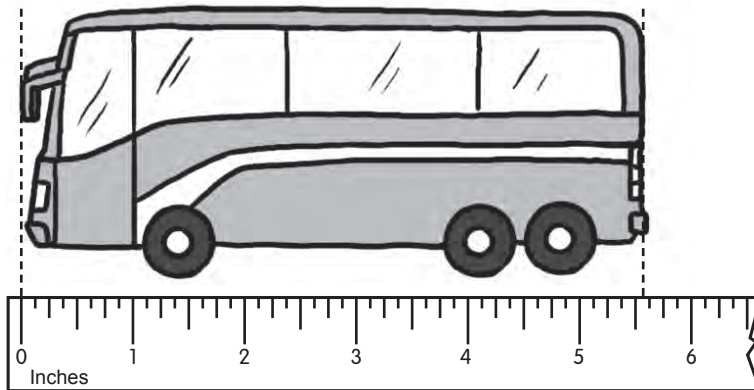


The caterpillar is more than 3 inches but less than 3 $\frac{1}{4}$ inches.

It is nearer to 3 $\frac{1}{4}$ inches than 3 inches.

The caterpillar is 3 $\frac{1}{4}$ inches to the nearest quarter inch.

17.



The toy bus is more than _____ inches but less than _____ inches.

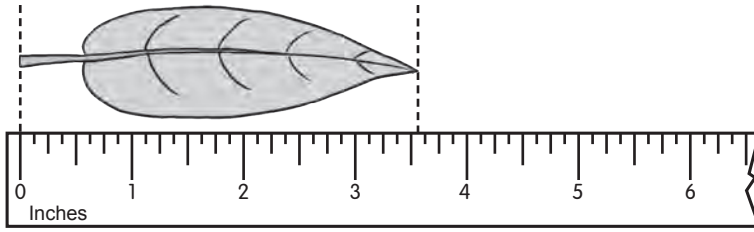
It is nearer to _____ inches than _____ inches.

The toy bus is _____ inches to the nearest quarter inch.

Name: _____

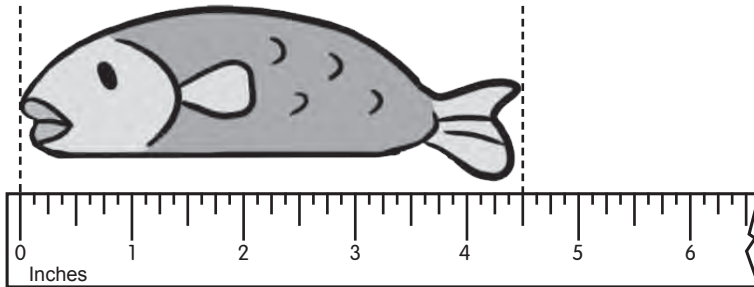
Date: _____

18.



The leaf is about _____ inches long.

19.



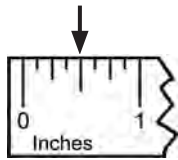
The fish is _____ inches long.

Name: _____

Date: _____

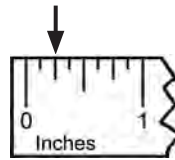
Write true or false.

20.



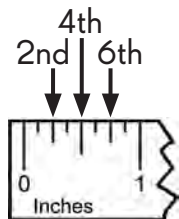
The fourth division shows a quarter ($\frac{1}{4}$) inch.

21.



The second division of eight divisions shows a quarter ($\frac{1}{4}$) inch.

Complete the sentence with a *quarter*, a *half*, *three quarters*, or *one*.



- 22. The second division shows _____ inch.
- 23. The fourth division shows _____ inch.
- 24. The sixth division shows _____ inch.
- 25. What does the eighth division show? _____ inch

Complete.

- 26. $2\frac{1}{4}$ is between _____ and $2\frac{1}{2}$.
- 27. $2\frac{1}{2}$ is between $2\frac{1}{4}$ and _____.
- 28. $2\frac{3}{4}$ is between _____ and 3.

Name: _____

Date: _____

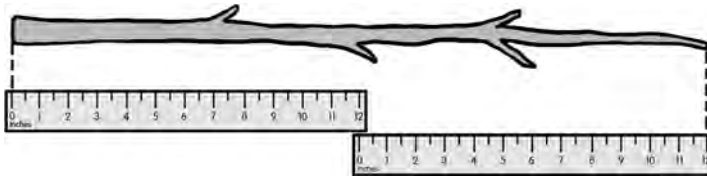
29. $5\frac{1}{2}$ is between _____ and $5\frac{3}{4}$.

30. $5\frac{3}{4}$ is between $5\frac{1}{2}$ and _____.

31. 6 is between _____ and $6\frac{1}{4}$.

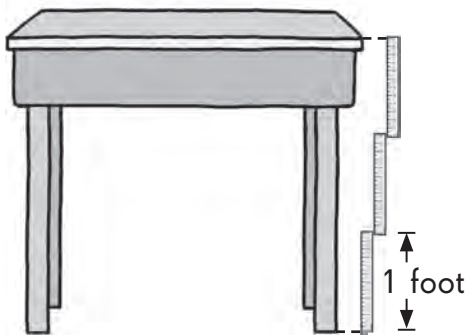
Measure the length of each object.

Example



The length of the stick is 2 feet long.

32.



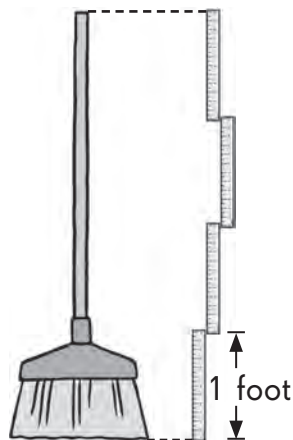
The height of the table is _____ feet.

Name: _____

Date: _____

Measure the length of the object.

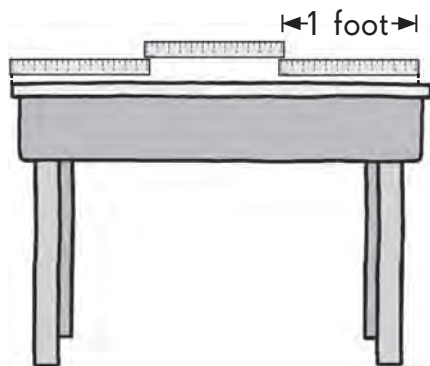
33.



The length of the broomstick is _____ feet.

Measure the length of each object to the nearest foot.

Example

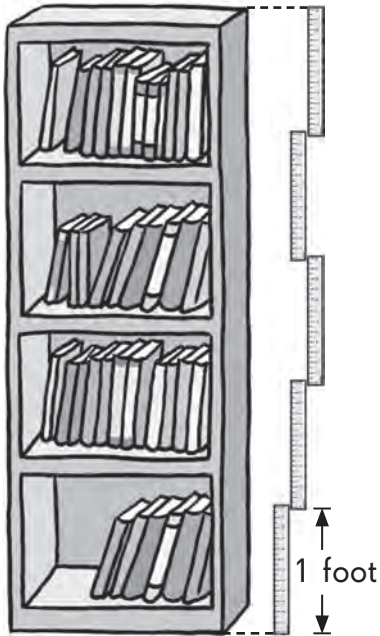


The length of the table is about 3 feet.

Name: _____

Date: _____

34.



The height of the bookshelf is about _____ feet.

Fill in the circle next to the correct answer.

35. Which of the following is correct? _____

(a) $1 \text{ yd} = 3 \text{ ft}$

(b) $1 \text{ ft} = 12 \text{ yd}$

(c) $1 \text{ in.} = 3 \text{ yd}$

(d) $12 \text{ yd} = 1 \text{ ft}$

**Compare the distances.
Then fill in the blanks.**

7 feet 7 inches 7 yards

36. _____ is the longest.

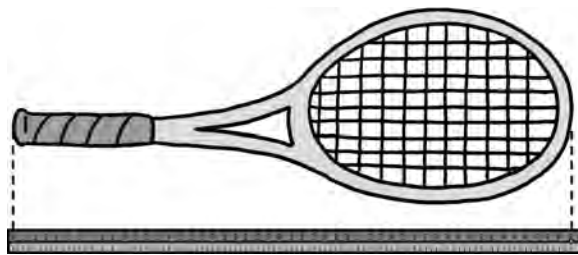
37. _____ is the shortest.

Name: _____

Date: _____

Measure the length of the object.

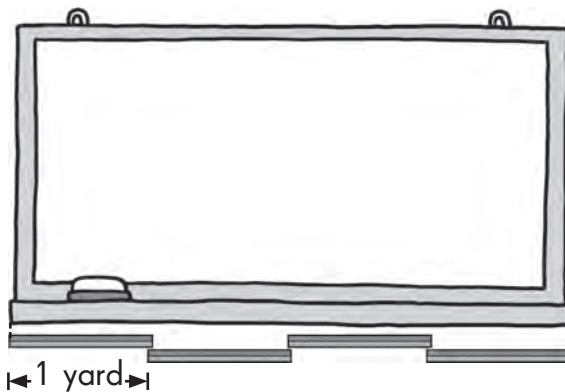
38.



The length of the racket is _____ yard(s).

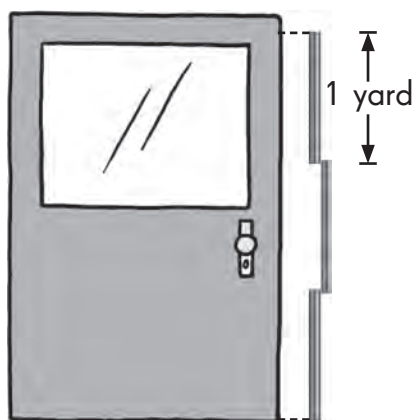
Measure the length to the nearest yard.

39.



The length of the whiteboard is about _____ yards.

40.

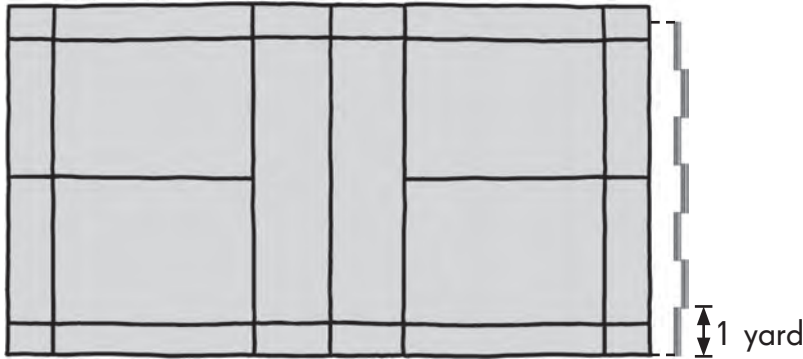


The height of the door is about _____ yards.

Name: _____

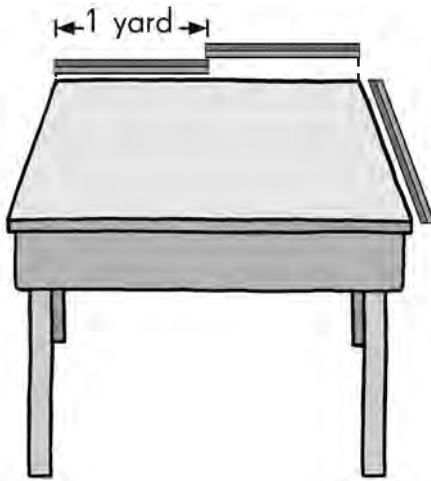
Date: _____

41.



The width of the badminton court is about _____ yards.

42.



The length all around the table is _____ yards.

Complete.

43. Janice walks about 5,300 feet.
About how many miles does Janice walk?

Janice walks about _____ mile.

Name: _____

Date: _____

Complete.

1,760	5,280	36	12	3
-------	-------	----	----	---

44. 1 foot (ft) = _____ inches (in.)

45. 1 yard (yd) = _____ feet (ft)
= _____ inches (in.)

46. 1 mile (mi) = _____ yards (yd)
= _____ feet (ft)

Choose the most reasonable estimate.

Example

The height of a two-story house is about 30 feet.

30 inches 30 feet 30 yards 30 miles

47. The height of a mountain is about _____.
1 inch 1 foot 1 yard 1 mile

Worksheet 2 Measuring Weight

Read the scales. Then fill in the blanks.

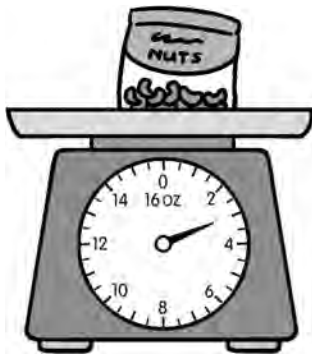
Example



The **ounce (oz)** is a standard customary unit of weight. It is used for measuring light objects.

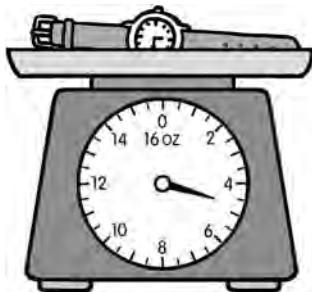
The apple weighs 6 ounces.

1.



The packet of nuts weighs _____ ounces.

2.



The watch weighs about _____ ounces.

Name: _____

Date: _____

Write the weight of each object.

Example



A slice of bread weighs about 1 ounce.

The bag of strawberries weighs about 8 ounces.

3.



A slice of bread weighs about 1 ounce.

The carrots weigh about _____ ounces.

4.



A slice of bread weighs about 1 ounce.

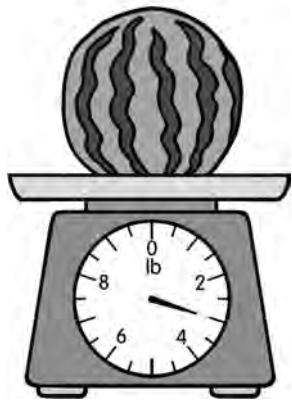
The pencils weigh about _____ ounces.

Name: _____

Date: _____

Read the scales. Then fill in the blanks.

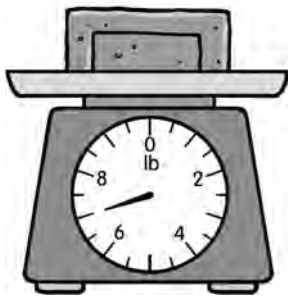
Example



The **pound (lb)** is another standard customary unit of weight. It is used for measuring heavy objects.

The watermelon weighs 3 pounds.

5.



The brick weighs _____ pounds.

6.



The books weigh about _____ pounds.

Name: _____

Date: _____

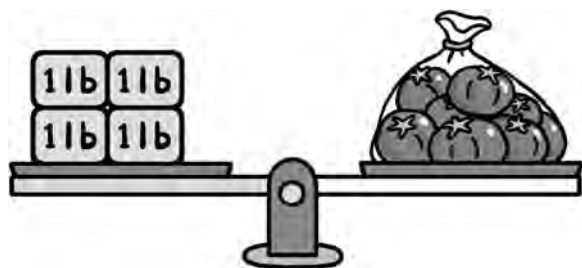
Write the weight of each object.

Example



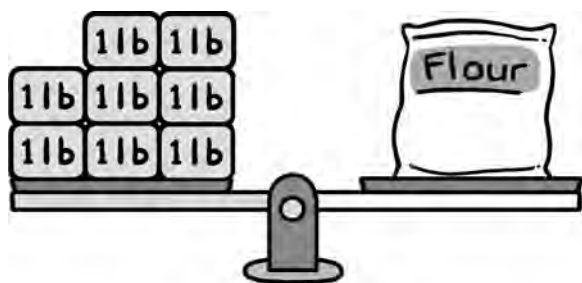
The bag of buns weighs 1 pound.

7.



The weight of the tomatoes is _____ pounds.

8.



The weight of the bag of flour is _____ pounds.

Name: _____

Date: _____

Fill in each blank with $<$, $>$, or $=$.

1 pound (lb) = 16 ounces (oz)

9. 12 ounces _____ 1 pounds

10. 1 pounds _____ 10 ounces

11. 16 ounces _____ 1 pounds



Fill in the circle next to the correct answer.

12. Which of the following is correct?

(a) 1 ton = 100 lb

(b) 1 ton = 1,000 lb

(c) 1 ton = 2,000 lb

(d) 1 ton = 3,000 lb

Choose the best unit to measure each object.

Write *ounce*, *pound*, or *ton*.

Example

The weight of an elephant _____ *ton* _____

The **ton (T)** is another customary unit of weight.
It is used for measuring very heavy objects.

13. The weight of a monkey _____

14. The weight of a rhinoceros _____

15. The weight of a bunch of blueberries _____

16. The weight of an egg _____

Name: _____

Date: _____

Compare. Then fill in the blanks with < or >.

Example

1 ton _____ > _____ 1,000 lb

1 ton (T) = 2,000 pounds (lb)



17. 1 ton _____ 3,000 lb

18. 2 lb _____ 20 oz

19. 5,000 lb _____ 5 ton

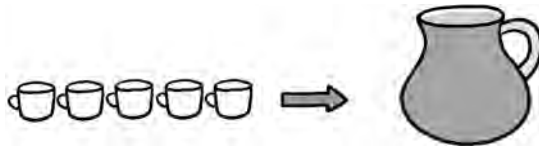
20. 4 lb _____ 100 oz

21. 50 oz _____ 50 lb

Worksheet 3 Measuring Capacity

Find the capacity of each container.

Example

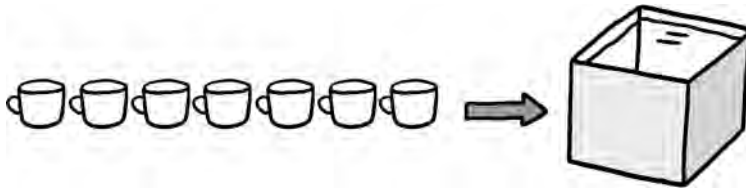


The **cup (c)** is a standard customary unit for measuring capacity.

The pitcher can hold 5 cups of water.

The pitcher has a capacity of 5 cups.

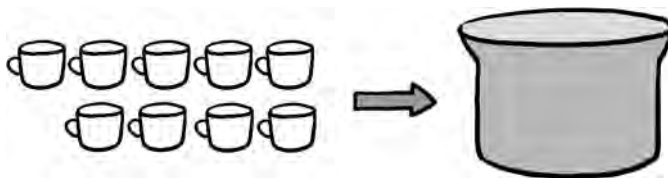
1.



The carton can hold _____ cups of water.

The carton has a capacity of _____ cups.

2.



The container can hold _____ cups of water.

The container has a capacity of _____ cups.

Name: _____

Date: _____

3. There are 10 cups.
4 of them are completely filled with water.
The other cups are empty.
All of the water is emptied into a glass and fills the glass completely.
What is the capacity of the glass?

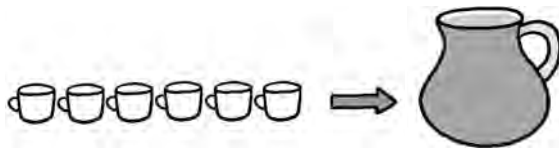
The capacity of the glass is _____ cups.

4. A glass of water can fill 5 cups completely.
A jug of water can fill 7 cups completely.
Which container has a greater capacity?

The _____ has a greater capacity.

Find the capacity of each container.

Example



The **pint (pt)** is a standard customary unit for measuring capacity.

$$1 \text{ pint} = 2 \text{ cups}$$

The pitcher can hold 6 cups of water.

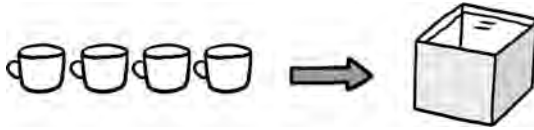
6 cups of water = 3 pints of water

The pitcher has a capacity of 3 pints.

Name: _____

Date: _____

5.



The carton can hold _____ cups of water.

_____ cups of water = _____ pints of water

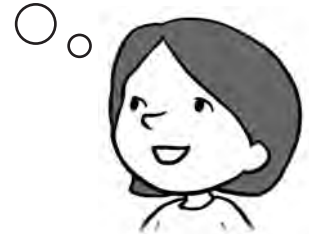
The carton has a capacity of _____ pints.

Complete the sentence with *greater than*, *less than*, or *equal to*.

6. A glass can fill 3 pints 1 cup.
A jug can fill 2 pints 3 cups.

Glass: 3 pints + 1 cup = ? cups
Jug: 2 pints + 3 cups = ? cups

The capacity of the glass is _____
the capacity of the jug.

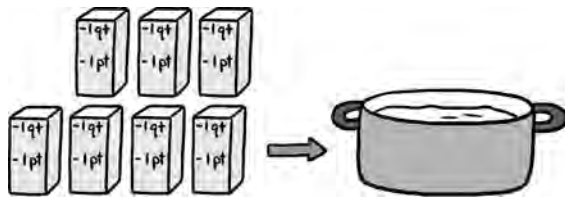


Fill in the blank.

7. 4 pints 3 cups of fruit juice is the same as _____ cups
of fruit juice.

Find the capacity of each container.

Example



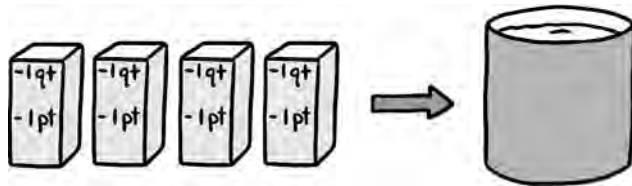
The **quart (qt)** is a standard customary unit for measuring capacity.

1 quart = 2 pints

The pot can hold 7 quarts of soup.

The pot has a capacity of 7 quarts.

8.



The container can hold _____ quarts of water.

The container has a capacity of _____ quarts.

Complete the sentence with *greater than*, *less than*, or *equal to*.

9. Container A can fill 2 quarts 3 pints.
 Container B can fill 5 pints 4 cups.

A: 2 quarts + 3 pints = ? pints
 = ? cups

B: 5 pints + 4 cups = ? cups



The capacity of the Container A is _____
 the capacity of the Container B.

Name: _____

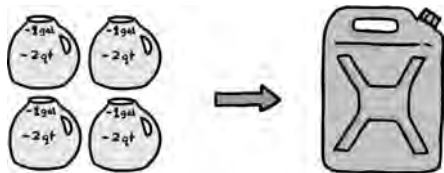
Date: _____

Fill in the blank.

10. 2 quarts 1 pint 4 cups of fruit juice is the same as _____ cups of fruit juice.

Find the capacity of each container.

Example



The **gallon (gal)** is a standard customary unit for measuring capacity.
1 gallon = 4 quarts
1 gallon = 8 pints

The container can hold 4 gallons of water.

The container has a capacity of 4 gallons.

The container has a capacity of 16 quarts.

11.



The bathtub can hold _____ gallons of water.

The bathtub has a capacity of _____ gallons.

The bathtub has a capacity of _____ quarts.

Name: _____

Date: _____

Fill in the blanks.

- 12.** 1 gal = _____ qt
= _____ pt
= _____ cups

Complete the sentence with *greater than, less than, or equal to*.

- 13.** Container A can fill 1 gallon 5 quarts 6 pints.
Container B can fill 5 quarts 2 pints 8 cups.

The capacity of the Container A is _____ the capacity of the Container B.

Fill in the blank.

- 14.** 3 gallons 4 quarts 1 pint 3 cups of fruit juice is the same as _____ cups of fruit juice.