

Measuring Temperature

What is the temperature?

1

Freezing

_____ °F

2

Freezing

_____ °F

3

Freezing

_____ °F

4

Freezing

_____ °F

5

Freezing

_____ °F

6

Freezing

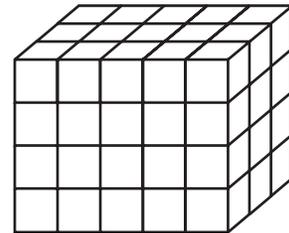
_____ °F



Test Prep

7 Jun built this box with centimeter cubes. What is the volume of Jun's box? Explain how you know.

= 1 cubic cm



Measuring Time

Write the time shown on each clock.

1

30 minutes later → 15 minutes later

⌚ ⌚ ⌚

⌚ ⌚ ⌚

2

15 minutes earlier → 30 minutes earlier

⌚ ⌚ ⌚

⌚ ⌚ ⌚

3

45 minutes later → 45 minutes later

⌚ ⌚ ⌚

⌚ ⌚ ⌚



Test Prep

- 4 How is the numeral 5,493 written in words?
- A. five hundred forty-nine
 - B. five thousand four hundred ninety-three
 - C. four hundred ninety-three
 - D. fifty-four thousand, ninety-three

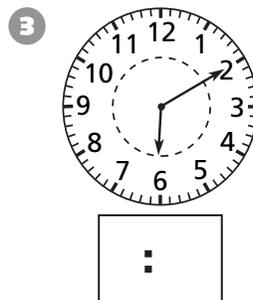
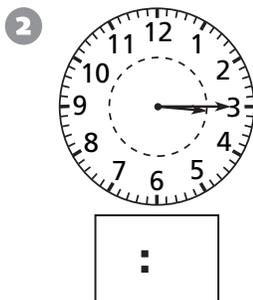
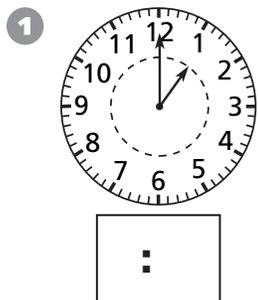
5 Solve.

$$\begin{array}{r} 27 \\ \times 9 \\ \hline \end{array}$$

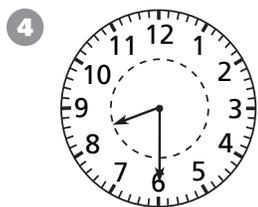
- A. 183
- B. 225
- C. 243
- D. 261

Comparing Times

What time is it?



Use the clock for each time.

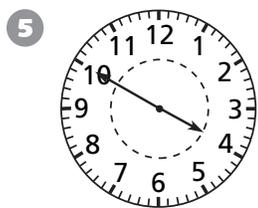


Time shown 8:30 A.M.

40 minutes later will be _____ A.M.

1 hr 40 min earlier will be _____ A.M.

3 hr 40 min later will be _____ P.M.



Time shown 3:50 P.M.

30 minutes earlier will be _____ P.M.

2 hr 10 min later will be _____ P.M.

1 hr 15 min later will be _____ P.M.



Test Prep

- 6 The school stage is 42 inches high. A flagpole is set up on the stage. The flagpole is twice the height of the stage. How many inches is it from the bottom of the stage to the top of the flagpole? Explain how you know.

Weight in Ounces, Pounds, and Tons

- 1 Complete the table. (Remember, 1 lb equals 16 oz.)

| Ounces | Pounds and Ounces |
|---------|-------------------|
| 20 oz | ____ lb, ____ oz |
| ____ oz | 2 lb, 3 oz |
| 50 oz | ____ lb, ____ oz |
| ____ oz | 4 lb, 1 oz |

- 2 Felix made 3 cakes. One cake weighed 4 oz more than the other two combined. The smallest cake weighed 12 oz, and the next smallest weighed 1 lb, 2 oz. What is the total weight of all 3 cakes?
- _____
- _____



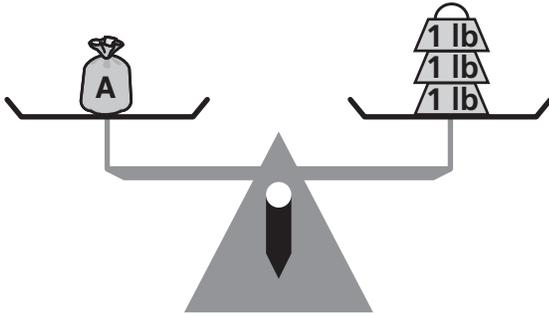
Test Prep

- 3 Kali hiked for 2 hours and 45 minutes. If Kali started at 3:15 P.M., what time did she stop hiking?
- A. 5:30 P.M. C. 6:00 P.M.
B. 5:45 P.M. D. 6:15 P.M.
- 4 What is the place value of the underlined digit?
- 12,596
- A. tens
B. thousands
C. ten thousands
D. hundred thousands

Weighing to Solve Problems

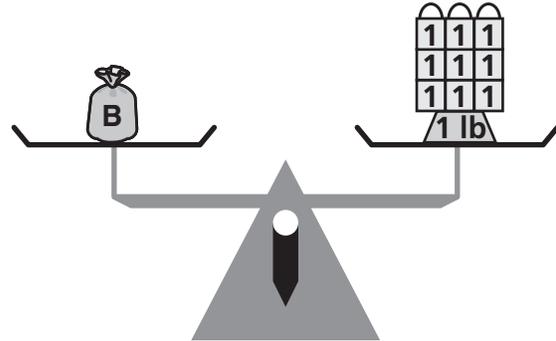
Find the weight of each bag.  weighs 1 pound and  weighs 1 ounce.

1



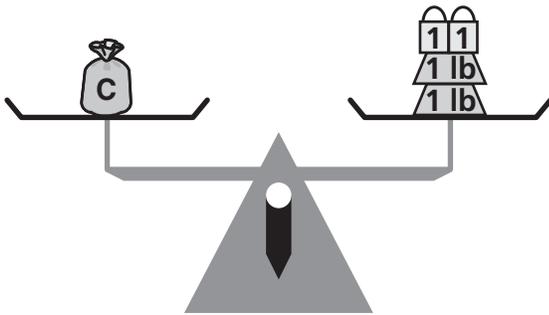
 weighs oz.

2



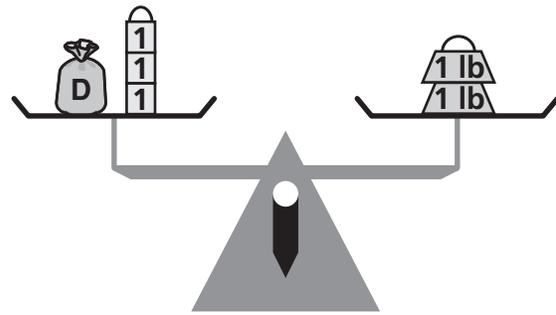
 weighs oz.

3



 weighs oz.

4

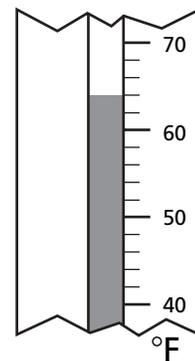


 weighs oz.



Test Prep

5 The thermometer shows the low temperature for one day in May. The high temperature for that day was 18°F warmer. What was the high temperature? Explain how you know.



Measuring Capacity

1 cup contains 8 fluid ounces (8 fl oz).

① There are **4 cups** in **1 quart**, so . . .

1 quart = _____ fl oz

② **1 pint** contains **16 fl oz**, so . . .

1 pint = _____ cups

③ There are **4 quarts** in **1 gallon**, so . . .

1 gallon = _____ cups or _____ fl oz

④ There are _____ **half gallons**
in **1 gallon**, so . . .

1 half gallon = _____ cups or _____ fl oz

⑤ There are _____ **half pints**
in **1 pint**, so . . .

1 half pint = _____ cup or _____ fl oz

⑥ There are _____ **pints** in **1 gallon**.



Test Prep

⑦ Ms. Russell is bringing apples for her class. There are 23 students in her class. If Ms. Russell gives each student $\frac{1}{2}$ of an apple, what is the smallest number of apples she needs to bring?

- A. 10 C. 12
B. 11 D. 13

⑧ There are 15 baseball cards in a pack. There are 30 packs in a box. How many baseball cards are in a box?

- A. 450 C. 90
B. 180 D. 45

Weight and Capacity

A cup of milk weighs almost 9 ounces.

1 A half pint of milk weighs almost

_____ oz or _____ lb, _____ oz.

2 A pint of milk weighs almost

_____ oz or _____ lb, _____ oz.

3 A quart of milk weighs almost

_____ oz or _____ lb, _____ oz.

4 A half gallon of milk weighs almost

_____ oz or _____ lb, _____ oz.

5 A gallon of milk weighs almost

_____ oz or _____ lb, _____ oz.



Test Prep

- 6 Martin is buying school supplies. He has \$2.50. How much more money does he need if he wants to buy 4 pencils, 2 packs of paper, and 2 erasers? Explain how you know.

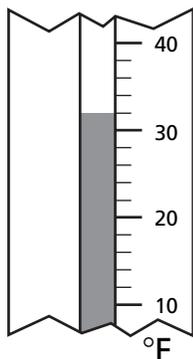
School Supplies

| | |
|----------------------|---------------|
| Pencil | \$0.25 |
| Pack of Paper | \$0.81 |
| Notebook | \$1.50 |
| Eraser | \$0.12 |

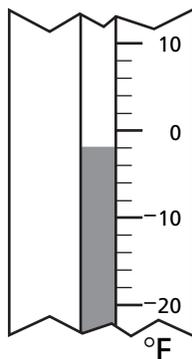
Analyzing Temperature Data

Use the pictures of the thermometers to complete the table below.

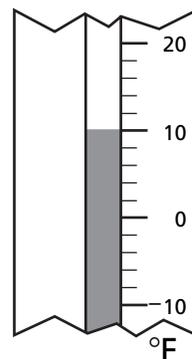
A



B



C



1

| Thermometer | A | B | C |
|---|--|-------|-------|
| Temperature ($^{\circ}\text{F}$) on the thermometer (T) | <u>32$^{\circ}\text{F}$</u> | _____ | _____ |
| $T - 10$ | <u>22$^{\circ}\text{F}$</u> | _____ | _____ |
| $T + 7$ | _____ | _____ | _____ |
| $T - 3$ | _____ | _____ | _____ |



Test Prep

2 Which of the following describes a rule for this pattern?

4, 12, 20, 28, 36

- A. Add 4 C. Add 10
B. Add 8 D. Add 12

3 Mr. Chavez’s classroom has 6 rows of desks. There are 4 desks in each row. How many desks are in the classroom?

- A. 2 C. 24
B. 10 D. 25