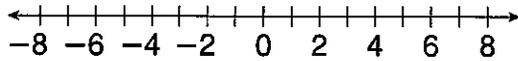


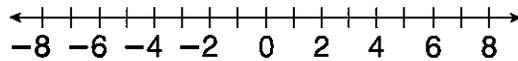
**LESSON** **Practice B**  
**2-1** **Integers**

Graph each integer and its opposite on a number line.

1. 8



2. -7



Compare the integers. Use  $<$  or  $>$ .

3.  $-15 \square -7$

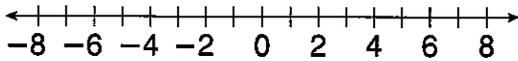
4.  $8 \square -8$

5.  $-14 \square 13$

6.  $-18 \square -20$

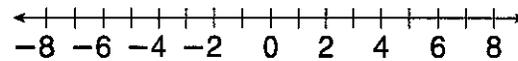
Use a number line to order the integers from least to greatest.

7.  $-1; 4; -5; 7; -3$



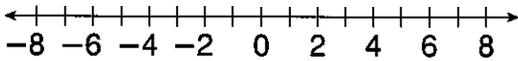
\_\_\_\_\_

8.  $-6; 8; 0; 4; -2$



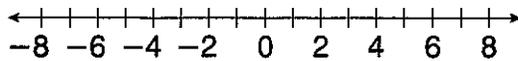
\_\_\_\_\_

9.  $6; 5; -7; -8; -2$



\_\_\_\_\_

10.  $1; 3; -4; -5; 7$



\_\_\_\_\_

find each absolute value.

11.  $|-18|$  \_\_\_\_\_

12.  $|11|$  \_\_\_\_\_

13.  $|-25|$  \_\_\_\_\_

14.  $|19|$  \_\_\_\_\_

15.  $|-10|$  \_\_\_\_\_

16.  $|16|$  \_\_\_\_\_

17.  $|22|$  \_\_\_\_\_

18.  $|-14|$  \_\_\_\_\_

19.  $|9|$  \_\_\_\_\_

20.  $|-24|$  \_\_\_\_\_

21.  $|-7|$  \_\_\_\_\_

22.  $|17|$  \_\_\_\_\_

23. Christy dove to a depth of 12 feet below the surface of the water. Write the depth as an integer.

\_\_\_\_\_

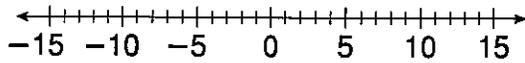
24. The highest point in North Carolina is Mt. Mitchell, with a height of 6,684 feet. Write the height of Mt. Mitchell as an integer.

\_\_\_\_\_

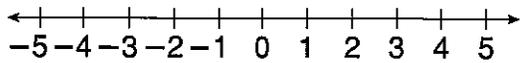
**LESSON** **Practice C**  
**2-1** **Integers**

Graph each integer and its opposite on a number line.

1. 15



2. -4



Compare the integers. Use  $<$  or  $>$ .

3.  $-15 \square 15$

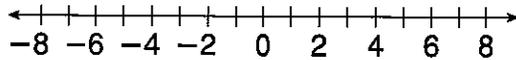
4.  $-7 \square -9$

5.  $12 \square -17$

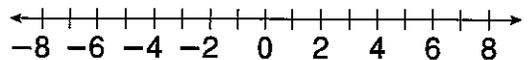
6.  $-13 \square 9$

Use a number line to order the integers from least to greatest.

7.  $-2; 3; -6; -1; 4$



8.  $7; -5; 6; 0; -7$



Find each absolute value.

9.  $|-45|$  \_\_\_\_\_

10.  $|38|$  \_\_\_\_\_

11.  $|-99|$  \_\_\_\_\_

12.  $|22|$  \_\_\_\_\_

13.  $|-19|$  \_\_\_\_\_

14.  $|375|$  \_\_\_\_\_

15.  $|-59|$  \_\_\_\_\_

16.  $|-84|$  \_\_\_\_\_

Compare. Write  $<$ ,  $>$ , or  $=$ . *SHOW The absolute value.*

17.  $|-50| \square 50$

18.  $28 \square |-29|$

19.  $-43 \square |-37|$

20.  $|48| \square 53$

21.  $|-79| \square |65|$

22.  $-92 \square |-92|$

23.  $|-83| \square 82$

24.  $|34| \square |-62|$

25. A company reported a net gain of \$750,000 for the first quarter and a net loss of \$2,000,000 for the second quarter. Write each amount as an integer.

\_\_\_\_\_

26. The record low temperature in Virginia through 1997 was  $30^{\circ}\text{F}$  below 0. The record high temperature was  $110^{\circ}\text{F}$ . Write each temperature as an integer.

\_\_\_\_\_

**LESSON**  
**2-1** **Problem Solving**  
**Integers**

Write the correct answer.

1. The coldest place on record in the United States was in Alaska in 1971. It was  $80^{\circ}\text{F}$  below zero. Write this temperature as an integer.  
\_\_\_\_\_
2. The temperature outside was  $-4^{\circ}\text{F}$  at Jared's house and  $-8^{\circ}\text{F}$  at Mario's house. Where was the temperature warmer?  
\_\_\_\_\_
3. A small business reported a net loss of  $\$62,500$  during its first year. In its second year, it reported a profit of  $\$34,100$ . Write each amount as an integer.  
\_\_\_\_\_
4. For one day, Lacy recorded the low temperatures in five U.S. cities. The temperatures were  $5^{\circ}\text{C}$ ,  $-1^{\circ}\text{C}$ ,  $-3^{\circ}\text{C}$ ,  $2^{\circ}\text{C}$ , and  $0^{\circ}\text{C}$ . Write the temperatures in order from least to greatest.  
\_\_\_\_\_

Choose the letter for the best answer.

5. Which number is not an integer?  
 $-3$ ;  $5$ ;  $\frac{1}{5}$ ;  $0$   

<b>A</b> $-3$	<b>C</b> $\frac{1}{5}$
<b>B</b> $5$	<b>D</b> $0$
6. Basha says  $|5|$  and  $|-5|$  are the same number. Danny says  $|5|$  and  $|-5|$  are different numbers. Kim says  $|5|$  and  $|-5|$  both equal  $0$ . Who is correct?  

<b>F</b> Basha	<b>H</b> Kim
<b>G</b> Danny	<b>J</b> They are all wrong.
7. Use the table at right. Which continent has the highest point?  

<b>A</b> Asia	<b>C</b> Africa
<b>B</b> South America	<b>D</b> Australia
8. Use the table at right. Which continent has the lowest point?  

<b>F</b> Europe	<b>H</b> North America
<b>G</b> Australia	<b>J</b> Asia

Continent	Highest Point (ft)	Lowest Point (ft)
North America	20,320	-282
South America	22,834	-131
Africa	19,340	-512
Asia	29,028	-1,339
Australia	7,310	-52
Europe	18,510	-92

**LESSON** **Puzzles, Twisters & Teasers**

**2-1** *Food for Thought!*

Circle words from the list in the word search. Then find a word in the word search that answers the riddle. Write the word on the lines below.

- |          |          |         |         |          |
|----------|----------|---------|---------|----------|
| negative | opposite | number  | integer | absolute |
| value    | set      | express | whole   | zero     |

M H T E F V C D E S W I C F R  
 O P P O S I T E V F R N B H U  
 X Z O I E S W A X N M T A W H  
 N E G A T I V E C P U E I H Q  
 U R A S D F G H V L R G P O K  
 M O Z X C V B N A R J E L L Y  
 B P O I U W H O L E K R S E M  
 E D F G H J K L U W E R T S X  
 R A B S O L U T E Z A W Q E C

What kind of fish goes best with peanut butter?

\_\_\_\_\_

