

Name \_\_\_\_\_

**Practice**  
**2-1**

## Integers and Absolute Value

Name the opposite of each number.

1. 7 \_\_\_\_\_      2. -8 \_\_\_\_\_      3. 11 \_\_\_\_\_      4. -47 \_\_\_\_\_  
5. -15 \_\_\_\_\_      6. 28 \_\_\_\_\_      7. -98 \_\_\_\_\_      8. 638 \_\_\_\_\_

Describe a situation that could be represented by each integer.

9. 4 \_\_\_\_\_      10. -16 \_\_\_\_\_  
11. -2 hours \_\_\_\_\_      12. -\$3 \_\_\_\_\_

Use  $>$ ,  $<$ , or  $=$  to compare each set of numbers.

13.  $-\$4$   $\bigcirc$   $-\$8$       14.  $-7$   $\bigcirc$   $|-7|$       15.  $6$   $\bigcirc$   $-6$       16.  $0$   $\bigcirc$   $-8$   
17.  $-9$   $\bigcirc$   $3$       18.  $-2$   $\bigcirc$   $-1$       19.  $15$   $\bigcirc$   $|15|$       20.  $17$   $\bigcirc$   $-35$

Find each absolute value.

21.  $|-3|$  \_\_\_\_\_      22.  $|8|$  \_\_\_\_\_      23.  $|635|$  \_\_\_\_\_      24.  $|-56|$  \_\_\_\_\_  
25.  $|-845|$  \_\_\_\_\_      26.  $|12 - 3|$  \_\_\_\_\_      27.  $|35 - 7|$  \_\_\_\_\_      28.  $|-3487|$  \_\_\_\_\_

29. What integer is described by the following? The absolute value is 21 and the number is to the right of 0 on a number line. \_\_\_\_\_

30. Henrietta's business lost \$3200 last month. She told her cousin that her profit for the month was  $-\$3200$ . Name a profit amount lower than  $-\$3200$ .  
\_\_\_\_\_

31. In 1979, Jon Brower Minnoch set a world record for weight loss by losing 920 pounds in 16 months. Use an integer to represent the change in his weight. \_\_\_\_\_

32. What integer is described by the following? The absolute value is 10 and the number is to the left of 0 on a number line. \_\_\_\_\_