

HOMEWORK

Choose the greatest integer. Use a number line to help.

1. 8, 6 _____

2. -4, -5 _____

3. -1, 1 _____

4. -16, -1, -10 _____

5. -5, 2, -2 _____

6. 9, -3, -4 _____

Write the integers from least to greatest.

7. -7, -2, -9

8. 7, 4, 5

9. -2, 0, -5

10. 2, 1, -10, -6

11. -5, -7, -9, -8

12. 9, -9, 2, -2

Compare. Write $<$, $=$, $>$.

13. $6 \bigcirc 1$

14. $-4 \bigcirc -5$

15. $7 \bigcirc -2$

16. $|-2| \bigcirc (-2)$

17. $-7 \bigcirc -3$

18. $0 \bigcirc 1$

19. $-|-7| \bigcirc -7$

20. $-2 \bigcirc -3$

21. $1 \bigcirc -1$

22. $0 \bigcirc |-3|$

23. $-3 \bigcirc -2$

24. $|7| \bigcirc |-8|$

Problem Solving

25. How many numbers have an absolute value of 6? Why?

26. What does the inequality $-11 < -8$ tell you about the position of the two integers on a horizontal number line? What about the position of the two integers on a vertical number line?

Write About It

27. Can the absolute value of a number be negative? Explain.

