NAME _____ DATE _____ PERIOD ____

2-1 Practice

Integers and Absolute Value

Replace each ▫ with <, >, or = to make a true sentence.

1. $0 \square -5$	**2.** $10 \square -10$	**3.** $-8 \square 3$	**4.** $11 \square 11$
5. $-18 \square -18$	**6.** $-18 \square 18$	**7.** $18 \square -18$	**8.** $18 \square 18$
9. $-120 \square -95$	**10.** $35 \square -12$	**11.** $-35 \square 12$	**12.** $41 \square 17$

Order the integers in each set from least to greatest.

13. $\{-14, -6, -22, 0\}$

14. $\{-3, 19, 0, -5\}$

15. $\{-7, 20, -21, 7\}$

16. $\{15, -1, 4, -3\}$

17. $\{0, -1, 2, -3, 4\}$

18. $\{55, 0, -60, 12\}$

19. $\{-48, -30, -49, -8, 3, -4\}$

20. $\{27, -9, 3, 0, -2, 29\}$

Evaluate each expression.

21. $|-7|$

22. $|14|$

23. $|-11|$

24. $|-9| - |6|$

25. $|-18| - |-8|$

26. $|-12| + |1|$

27. $|8 - 4|$

28. $|23| - |18|$

29. $|-16| + |-22|$

Evaluate each expression if $a = -3$, $b = 0$, and $c = 1$.

30. $|a| - |c|$

31. $|a| + |c|$

32. $|ab| + c$

33. $5 - |ac|$

34. $c + |-5|$

35. $c + |5|$

36. WEATHER At 6:15 a.m. the temperature was −8°F. At 12:15 p.m. the temperature was −12°F. At 6:16 p.m. the temperature was −10°F. Order the temperatures from least to greatest.

Lesson 2-1