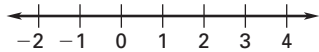


LESSON
2.1**Practice C**

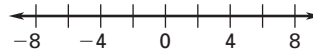
For use with pages 64–70

Graph the numbers on a number line. Then order the numbers from least to greatest.

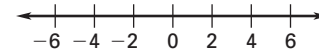
1. 4, -2, and 0



2. -8, 7, and -3



3. -6, -4, and 5



Tell whether each number in the list is a whole number, an integer, or a rational number. Then order the numbers from least to greatest.

4. -2.1 , $\frac{3}{8}$, 0.3 , -2

5. $-\frac{2}{3}$, 1.6 , -0.67 , 0.7

6. $-\frac{5}{4}$, 0.25 , 1.3 , $\frac{1}{8}$

For the given value of a , find $-a$ and $|a|$.

7. $a = -\frac{5}{3}$

8. $a = 6.5$

9. $a = -4\frac{1}{2}$

Identify the hypothesis and conclusion of the conditional statement. Tell whether the statement is *true* or *false*. If it is *false*, give a counterexample.

10. If a number is rational, then the number is an integer.

11. If the opposite of a number is positive, then one-half of the number is positive.

Evaluate the expression when $x = -6.25$.

12. $|x| - 5.25$

13. $8 \cdot |x|$

14. $|-x| + (-x)$

15. Bank Account The activity on your bank account during a week-long period is shown in the table. A positive amount indicates a deposit and a negative amount indicates a withdrawal. Which transaction increased the amount in your account the most? Which transaction decreased the amount in your account the most? Did you deposit more money than you withdrew? *Explain* your reasoning.

Transaction number	1	2	3	4	5	6
Amount	\$150.52	-\$57.87	\$212.15	-\$75.41	-\$52.98	\$210.41

16. Time Zones The table shows the time differences (in hours) of several cities from the time in Paris, France. Positive numbers represent locations ahead of Paris. Negative numbers represent locations behind Paris. Which locations experience midnight after Paris? If it is midnight in Paris, write the locations in order from before midnight to after midnight. If it is 3 A.M. in Paris, write the corresponding times at the other locations.

Location	Los Angeles	London	Buenos Aires	Beijing	Honolulu	New York
Difference	-9	-1	-5	7	-10	-6