



REVIEW KEY VOCABULARY

- whole numbers, integers, positive integer, negative integer, *p. 64*
- rational number, *p. 64*
- opposites, absolute value, *p. 66*
- conditional statement, *p. 66*
- if-then statement, *p. 66*
- counterexample, *p. 66*
- additive identity, *p. 76*
- additive inverse, *p. 76*
- multiplicative identity, *p. 89*
- equivalent expressions, *p. 96*
- distributive property, *p. 96*
- term, coefficient, constant term, like terms, *p. 97*
- multiplicative inverse, *p. 103*
- square root, radicand, *p. 110*
- perfect square, *p. 111*
- irrational number, *p. 111*
- real numbers, *p. 112*

VOCABULARY EXERCISES

Identify the terms, coefficients, constant terms, and like terms of the expression.

1. $-3x - 5 - 7x - 9$

2. $-10c - 6 + c$

Tell whether the number is a real number, a rational number, an irrational number, an integer, or a whole number.

3. 0.3

4. $-\sqrt{8}$

5. -15

6. $\sqrt{49}$

REVIEW EXAMPLES AND EXERCISES

Use the review examples and exercises below to check your understanding of the concepts you have learned in each lesson of Chapter 2.

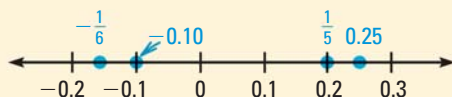
2.1

Use Integers and Rational Numbers

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EXAMPLE

Order the following numbers from least to greatest: $\frac{1}{5}$, -0.10 , 0.25 , $-\frac{1}{6}$.



From least to greatest, the numbers are $-\frac{1}{6}$, -0.10 , $\frac{1}{5}$, and 0.25 .

EXERCISES

Order the numbers in the list from least to greatest.

7. -5.2 , $-\frac{3}{8}$, -6 , 0.3 , $-\frac{1}{4}$

8. 2.1 , 0 , $-\frac{13}{10}$, -1.38 , $\frac{3}{5}$

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

9. $a = -0.2$

10. $a = 3$

11. $a = \frac{7}{8}$

12. $a = -\frac{6}{11}$

EXAMPLES 3, 4, and 5

on pp. 65–66
for Exs. 7–12