

2 Properties of Real Numbers



a.1

2.1 Use Integers and Rational Numbers

a.6

2.2 Add Real Numbers

a.6

2.3 Subtract Real Numbers

A.4.B

2.4 Multiply Real Numbers

A.4.B

2.5 Apply the Distributive Property

a.6

2.6 Divide Real Numbers

a.6

2.7 Find Square Roots and Compare Real Numbers

Before

In previous courses and in Chapter 1, you learned the following skills, which you'll use in Chapter 2: comparing and ordering numbers, evaluating expressions, and applying the order of operations.

Prerequisite Skills

VOCABULARY CHECK

In Exercises 1 and 2, copy and complete the statement.

1. The **least common denominator** of the fractions $\frac{3}{8}$ and $\frac{5}{12}$ is ? .
2. The **variable** in the expression $5x - 3$ is ? .
3. According to the **order of operations**, what is the first step in simplifying the expression $(3 + 4)^2 - 8$?

SKILLS CHECK

Copy and complete the statement using $<$, $>$, or $=$. (Review p. 909 for 2.1, 2.7.)

4. 26.70 ? 29.69 5. 15.09 ? 15.1 6. 0.333 ? 0.34 7. 2.5 ? 2.500

Evaluate the expression when $x = 5$. (Review p. 2 for 2.2–2.4, 2.6.)

8. $52 - x$ 9. $1.7x$ 10. $x + 39$ 11. $\frac{125}{x}$

Evaluate the expression. (Review p. 8 for 2.5.)

12. $5m - 9$ when $m = 6$ 13. $16 - r - 3$ when $r = 10$



TEXAS

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Prerequisite skills practice at classzone.com