1-1A Lesson Master  Questions on SPUR Objectives
See pages 60–63 for objectives.*

**VOCABULARY**
In 1–4, match the name of the algebraic definition or property with its representation using variables where \( a, b, c \) are real numbers.

1. Algebraic Definition of Subtraction
   \[ (ab)c = a(bc) \]
2. Algebraic Definition of Division
   \[ a - b = a + (-b) \]
3. Associative Property of Multiplication
   \[ (a + b) + c = a + (b + c) \]
4. Associative Property of Addition
   \[ a \div b = a \cdot \frac{1}{b} \text{ if } b \neq 0 \]

**SKILLS** Objective A
In 5 and 6, state the first operation performed and evaluate each expression.

5. \( \sqrt{3 + 6} \)  
6. \( (14 \cdot 4 + 7)^2 \)

**PROPERTIES** Objectives F, G
In 9 and 10, rewrite the expression using addition instead of subtraction.

9. \( 3 - 7 \)  
10. \( (7 - 5) \cdot 4 \)

In 11 and 12, rewrite the expression using multiplication instead of division.

11. \( 4 \div 11 \)  
12. \( (8 + 5) \div 8 \)

13. If \( x + 58 = y + 15 \) and \( y + 15 = w \), what conclusion can be made based on the Transitive Property of Equality?

*See the Student Edition for SPUR objectives.