

Name \_\_\_\_\_ Date \_\_\_\_\_

## Review 1.1-1.3

Vocabulary. These are the words that you need to know.

|          |                      |                     |             |
|----------|----------------------|---------------------|-------------|
| Sum      | Difference           | Product             | Quotient    |
| Divisor  | Dividend             | Factor              | Exponent    |
| Base     | Value                | Perfect Square      | Square Root |
| Evaluate | Numerical Expression | Order of Operations |             |

Find the value of the expression

1.  $4058 - 2396$
2.  $7791 + 639$
3.  $2208 \div 96$
4.  $182 \times 63$

Determine the operation you would use to solve the problem. **Do not answer the question.**

5. The box office sold a total of 1762 tickets. There were 241 balcony seat tickets sold. How many regular seat tickets were sold?
6. The warehouse has 14 aisles. Each aisle has 36 shelves. How many shelves does the warehouse have?
7. The orange grove produced 892 crates of oranges. Each train car holds 112 crates. What is the minimum number of train cars they will need?

Write the product as a power

8.  $11(11)$
9.  $10 \bullet 10 \bullet 10 \bullet 10 \bullet 10$

Find the value of the power.

9.  $7^3$
10.  $9^2$

Determine whether the number is a perfect square. Explain.

11. 12

12. 36

Evaluate the expression. SHOW ALL WORK.

13.  $14 \div (8 - 6) + 5$

14.  $2 \times 4 + 3^2$

15.  $64 \div 16 + 5 \times 3$

16.  $\frac{121 - 5 + 4(7)}{12}$

17. Which operation should you perform first when you evaluate the following expression?

$$15 - 8 \div (4 - 2) \times 3$$

**A.** Subtract 8 from 15.

**B.** Subtract 2 from 4.

**C.** Divide 8 by 4.

**D.** Multiply 2 by 3.