NAME _____ DATE _____ PERIOD _____

Chapter 1 Quiz 1

SCORE _____

P. 48 1-24 all

(Lessons 1–1 and 1–2)

Use the following information.
A popular colored candy added a new color to its mixture. A survey of consumers helped choose the color. Of the phone-in votes, about 5,400,000 selected blue, 3,200,000 purple, 1,000,000 pink, and 400,000 wanted no change. About how many votes were cast?

1. Which method of computation do you think is most appropriate? Justify your choice.

2. Solve the problem using the four-step plan.

Find the value of each expression.

3. $2 + 3 \cdot 4$

4. $84 \div (2 \cdot 6) + 5$

5. $(50 \times 2) - 2(6 \times 5)$

6. $7[(14 + 6) - 2(13 - 7)]$

Write a numerical expression for each verbal phrase.

7. six multiplied by seven

8. twelve more than eight

9. twenty-one divided by three

10. nine less than sixteen

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Assessment

NAME _____ DATE _____ PERIOD _____

Chapter 1 Quiz 2

SCORE _____

(Lessons 1–3 and 1–4)

Evaluate each expression if $d = 11$, $e = 3$, $f = 2$, $g = 18$, and $h = 9$.

1. $h + d - e$

2. $d - h + e - 5$

3. $ef + fg$

4. $\frac{2d - 4}{fh}$

Translate each phrase into an algebraic expression.

5. six inches shorter than Manuel

6. the quotient of four times a number and nine

Name the property shown by each statement.

7. $(b + 4) + 7 = b + (4 + 7)$

8. $3 \times 6 = 6 \times 3$

Simplify each expression.

9. $(b + 3) + 5$

10. $4 \cdot (g \cdot 6)$

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

NAME _____ DATE _____ PERIOD _____

Chapter 1 Mid-Chapter Test

SCORE _____

(Lessons 1–1 through 1–4)

Part I *Write the letter for the correct answer in the blank at the right of each question.*

Find the value of each expression.

1. $16 \div 2 + 7$

   A. 2 **B.** 15 **C.** 25 **D.** 29 **1.** _____

2. $6[(4 + 12) - 3(9 - 4)]$

   F. 15 **G.** 6 **H.** 0 **J.** 360 **2.** _____

For Questions 3 and 4, translate each phrase into a numerical expression.

3. Thirty-six divided by four

   A. $4 \div 36$ **B.** 4×9 **C.** 9 **D.** $36 \div 4$ **3.** _____

4. Seven times two added to thirteen

   F. $13 + 7 \times 2$ **H.** $(13 \times 7) + 2$

   G. $13(7 \times 2)$ **J.** $7 + 2 \times 13$ **4.** _____

5. Evaluate $8n - (3p - 5m)$ if $n = 8$, $m = 3$, and $p = 15$.

   A. 24 **B.** 44 **C.** 74 **D.** 34 **5.** _____

6. Simplify the expression $4 + (y + 12)$.

   F. $y + 16$ **H.** $16y$

   G. $48y$ **J.** $4y + 12$ **6.** _____

Part II

For Questions 7 and 8, use the following information. In 1995, the people of Spain witnessed the first royal wedding in 89 years. When was the last Spanish royal wedding?

7. Which method of computation do you think is most appropriate? Justify your choice. **7.** _____

8. Solve the problem using the four-step plan. **8.** _____

Name the property shown by each statement.

9. $7 \cdot (t + 2) = (t + 2) \cdot 7$ **9.** _____

10. $4 \cdot (12 \cdot r) = (4 \cdot 12) \cdot r$ **10.** _____

A ticket service sells concert tickets over the telephone. A $5.00 processing fee is added to the price of each ticket they sell.

11. Write an algebraic expression to represent the price of each ticket bought through the service. **11.** _____

12. Write an expression to represent the total price of 3 concert tickets if the ticket price is $16.00. Then evaluate your expression. **12.** _____

Assessment