

Name: _____ Period: _____ Date: _____

LESSON

1-1

CHAPTER 1 AND 2 REVIEW

Estimating with Whole Numbers

Estimate each sum or difference by rounding to the greatest place value.

1. $651 + 124$

2. $344 - 175$

3. $1,862 + 1,403$

4. $25,661 + 11,706$

5. $59,210 - 24,337$

6. $542,901 + 251,504$

LESSON

1-2

Exponents

Write each expression in exponential form.

7. $10 \times 10 \times 10 \times 10$

8. $7 \times 7 \times 7 \times 7 \times 7$

9. $4 \times 4 \times 4$

Find each value.

10. 8^2 _____

11. 4^3 _____

12. 6^3 _____

13. 15^2 _____

LESSON

1-3

Order of Operations

Simplify each expression.

14. $42 - 3 \times 10 + 2$

15. $1 + 4^3 - 16$

16. $(15 - 6) \times 2 + 20$

17. $(5^2 + 3^2 + 2) \div 6$

18. $61 - 5 \times 2^3 + 5$

19. $7 \times 8 + (2 \times 4) \div 2^2$

LESSON

2-1

Variables and Expressions

Evaluate each expression for the given value of the variable.

20. $5x + 2$ for $x = 4$

21. $63 - 8z$ for $z = 7$

22. $176 \div p$ for $p = 2$

23. $\frac{64}{v} - 11$ for $v = 4$

24. $19w$ for $w = 5$

25. $98 - 5q$ for $q = 7$

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LESSON

2-2

Translating Between Words and Math

Write each phrase as a numerical or algebraic expression.

27. the sum of 69, 140,
and 300

28. 95 less than the quotient
of x and 12

29. 144 less than 500

30. 22 added to the product
of 14 and n

31. The difference of 98
and p , added to 4

32. 85 more than twice m

LESSON

2-

5,6,7,8

Equations

Solve each equation. Show all steps.

33. $s + 67 = 101$

34. $v + 13 = 28 - 5$

35. $s - 57 = 38$

36. $v - 16 = 12 + 6$

37. $27 = 9q$

38. $12m = 60$

39. $10 = \frac{m}{9}$

40. $\frac{r}{5} = 8$
