Chapter 1 Test Form B

- 1. Write the number 20,347 in words.
- 2. Write the number two million, forty-five thousand, six with digits instead of words.

3. Write the number 123,407 in expanded form.

Identify each of the statements in Problems 4-7 as an example of one of the following properties on the right.

4. (5 + 6) + 3 = 5 + (6 + 3)	a. Addition property of 0
5. $7 \cdot 1 = 7$	b. Multiplication property of 0
6 $9 \pm 0 = 9$	c. Multiplication property of 1
b. <i>y</i> + 0 = <i>y</i>	d. Commutative property of addition
7. $5 \cdot 6 = 6 \cdot 5$	e. Commutative property of multiplicaiton
	f. Associative property of addition
	g. Associative property of multiplication

Find each of the following sums. (Add.)

8.	135	9.	5,401
-	+ 741		329
		+ 1	0,653

Find each of the following differences. (Subtract.)

10. 937	11.	7,052
- 413	-	- 3,967

Find each of the following products. (Multiply.)

12.	9(186	13.	62(359

Find each of the following quotients. (Divide.)

14. 1,105 ÷ 13 **15.** 583)12,243

16. Round the number 516,249 to the nearest ten thousand.

Use the rule for the order of operations to simplify each expression as much as possible.

17. $8(5)^2 - 7(3)^3$	18.
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19. If a person has scores of 143, 187, 150, and 176 for four games of bowling, what, is the average score for the four games?

Write an expression using symbols that is equivalent to each of the following expressions; then simplify.

20. Twice the sum of 11 and 7. **21.** The quotient of 20 and 5 increased by 9

8 - 2(5 - 3)

- **22.** A person has a yearly income of \$18,324. What is the person's monthly income?
- **23.** Find the perimeter and the area of the rectangle below.

	3 in.
4 in.	

Answers

twenty thousand, three hundred forty-seven
2, 2,045,006
100,000 + 20,000 + 3,000 + 400 + 7
f
f
c
a
r
e
8,876
9, 16,383
10, 524
11, 3,085
12, 1,674
13, 22,258
14, 85
15, 21
16, 520,000
17, 11
18, 4
19, 164
20, 2(11 + 7) = 36
21, (20 ÷ 5) + 9 = 13
22, \$1,527
23. Perimeter = 14 inches; area = 12 in²