

## Chapter 1

# The Big Four Operations

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**T**he Big Four operations (adding, subtracting, multiplying, and dividing) are the basis for all of arithmetic. In this chapter, you get plenty of practice working with these important operations.

## *The Problems You'll Work On*

Here are the types of problems you find in this chapter:

- ✓ Rounding numbers to the nearest ten, hundred, thousand, or million
- ✓ Adding columns of figures, including addition with carrying
- ✓ Subtracting one number from another, including subtraction with borrowing
- ✓ Multiplying one number by another
- ✓ Division, including division with a remainder

## *What to Watch Out For*

Here's a quick tip for rounding numbers to help you in this chapter: When rounding a number, check the number to the right of the place you're rounding to. If that number is from 0 to 4, round down by changing that number to 0. If that number is from 5 to 9, round up by changing that number to 0 and adding 1 to the number to its left.

For example, to round 7,654 to the nearest hundred, check the number to the right of the hundreds place. That number is 5, so change it to 0 and add 1 to the 6 that's to the left of it. Thus, 7,654 becomes 7,700.

***Rounding*****1–6**

- 1.** Round the number 136 to the nearest ten.
- 2.** Round the number 224 to the nearest ten.
- 3.** Round the number 2,492 to the nearest hundred.
- 4.** Round the number 909,090 to the nearest hundred.
- 5.** Round the number 9,099 to the nearest thousand.
- 6.** Round the number 234,567,890 to the nearest million.

***Adding, Subtracting,  
Multiplying, and Dividing*****7–30**

- 7.** Add  $47 + 21 = ?$
- 8.** Add  $136 + 53 + 77 = ?$
- 9.** Add  $735 + 246 + 1,329 = ?$
- 10.** Add  $904 + 1,024 + 6,532 + 883 = ?$
- 11.** Add  $56,702 + 821 + 5,332 + 89 + 343,111 = ?$
- 12.** Add  $1,609,432 + 657,936 + 82,844 + 2,579 + 459 = ?$
- 13.** Subtract  $89 - 54 = ?$

**14.** Subtract  $373 - 52 = ?$

**15.** Subtract  $539 - 367 = ?$

**16.** Subtract  $2,468 - 291 = ?$

**17.** Subtract  $34,825 - 26,492 = ?$

**18.** Subtract  $71,002 - 56,234 = ?$

**19.** Multiply  $458 \times 4 = ?$

**20.** Multiply  $74 \times 35 = ?$

**21.** Multiply  $129 \times 86 = ?$

**22.** Multiply  $382 \times 67 = ?$

**23.** Multiply  $9,876 \times 34 = ?$

**24.** Multiply  $23,834 \times 1,597 = ?$

**25.** Divide  $861 \div 3 = ?$

**26.** Divide  $1,876 \div 7 = ?$

**27.** Divide  $6,184 \div 15 = ?$

**28.** Divide  $25,246 \div 22 = ?$

**29.** Divide  $60,000 \div 53 = ?$

**30.** Divide  $262,145 \div 256 = ?$

