

## Chapter 1 Lesson 1-1,2,3 Review

Estimate the sum or difference.

- $29 + 93$ 
  - 120
  - 28
  - 140
  - 60
- $714 - 389$ 
  - 500
  - 400
  - 300
  - 1100
- $8968 + 780$

Estimate the product.

- $969 \times 27$ 
  - 9000
  - 16,000
  - 30,000
  - 18,000

- Write  $6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$  as a power.

Evaluate the expression.

- $7 \times (3 + 7) + 9$
- $9 \times (4 + 3) - 4$ 
  - 59
  - 32
  - 27
  - 35
- $16 \div 4 \times 4 + 7 - 6$
- $40 - 3^2 \times 2$
- $(5 \times 9) - 3 \times 2 + 5$
- Simplify the expression  $21 + 10 \cdot 2$ .

Find the value of the power.

- $3^4$
- How is  $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$  written using an exponent?
- $5^6$  means the same thing as:
  - $5 + 5 + 5 + 5 + 5 + 5$
  - $5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 \cdot 5$
  - $6 \cdot 6 \cdot 6 \cdot 6 \cdot 6$
  - $5 \bullet 6$
- Which of the following represents the phrase *4 cubed*?
  - $4^3$
  - $4(3)$
  - $4^2$
  - $3^4$
- What is 100 written as the square of a number?
- A school is having a fund-raiser in which the students sell calendars and raffle tickets. Each calendar costs \$18. Each raffle ticket costs \$7. If a student sold 7 calendars and 5 raffle tickets, simplify  $7 \times 18 + 5 \times 7$  to find how much money the student should collect.
- Which of the following represents the phrase *5 squared*?
  - $5^3$
  - $5(2)$
  - $5^2$
  - $2^5$
- What is the value of  $8^2$ ? \_\_\_\_\_

#20-25 ON BACK

Name: \_\_\_\_\_

**Estimate the quotient.**

20.  $57 \div 8$   
a. 4  
b. 11  
c. 5  
d. 7
21. Simplify the expression  $56 \div (6 + 1) \cdot 2^3 - 1$ .
22. What is the value of  $10^3$ ?
23. Selina's father drove 70 miles per hour for 7 hours and 65 miles per hour for 5 hours. How far did he drive in all?  
a. 800 mi  
b. 780 mi  
c. 840 mi  
d. 815 mi
24. What is the value of the expression  $6^2 + 3^2$ ?
25. What is the value of the expression  $2(6 + 8 \times 4)$ ?  
a. 76  
b. 112  
c. 100  
d. 36