Name _____ Date _____

Practice B

For use with pages 5–9

Lesson 1.1

Evaluate the expression when $y = 6$.

1. $\dfrac{24}{y}$ **2.** $5y$ **3.** $20 - y$ **4.** $19 + y$

5. $y + 13$ **6.** $54 - y$ **7.** $7y$ **8.** $\dfrac{36}{y}$

Evaluate the expression when $m = 7$, $n = 9$, and $q = 10$.

9. nq **10.** $\dfrac{18}{n}$ **11.** $m + q$ **12.** $29 - m$

13. $58 - m$ **14.** $41 + n$ **15.** $16q$ **16.** $\dfrac{36}{n}$

17. You are dividing 130 students into g equally sized groups for a field trip. Write a variable expression to find the number of students in each group.

Write a variable expression to represent the phrase.

18. A number added to 27   **19.** 29 decreased by a number

20. 6 fewer than a number   **21.** The sum of 16 and a number

22. The product of a number and 7   **23.** 42 divided by a number

24. The quotient of 56 and a number   **25.** A number multiplied by 12

In Exercises 26–29, use the following information. You belong to a book club. Your yearly book budget is $350. Each book in the book club costs $7.

26. Complete the table.

Books	Cost (dollars)	Amount left (dollars)
1	7	343
2	14	336
3	?	?
4	?	?

27. Write a variable expression for the cost of b books.

28. Write a variable expression for the amount of your budget after b books.

29. How many books will you be able to buy before the $350 is spent?