

## Problem Solving

20. The Marcos Family is going to a football game. Tickets cost \$5 for adults and \$2 for students. Mrs. Marcos will need 2 adult tickets and 4 student tickets. Which expression could be used to find the cost in dollars? 20. \_\_\_\_\_

- a.  $2 + \$5 \cdot \$4 + 2$
- b.  $\$5 + \$2 + 6$
- c.  $\$2 + 4 \cdot \$5 + 2$
- d.  $6 \cdot \$5 + \$2$
- e.  $\$2 \cdot \$5 + 4 \cdot \$2$

21. According to a survey, 13% of gardeners plant geraniums in their flowerbed. If 2,450 gardeners participated in the survey, about how many can be expected to plant geraniums in their flowerbed? 21. \_\_\_\_\_

A Bike Shop is having their annual bike sale. Every 15-speed bicycle is on sale for 75% of the regular price, and every mountain bike is on sale for 80% of the regular price.

22. About how much would you pay for a 15-speed bicycle that usually sells for \$125? 22. \_\_\_\_\_

23. About how much would you save if you purchased a mountain bike that normally sells for \$196? 23. \_\_\_\_\_

24. A tip of 15% is standard for good service in a restaurant. If Simone wants to leave a tip of 15% on a dinner check of \$23.85, about how much should she leave? 24. \_\_\_\_\_

25. What would 6% sales tax be on the purchase of a \$48 sweater? 25. \_\_\_\_\_