Lesson 2 Problem-Solving Practice

Numerical Expressions

MONEY **For Exercises 1–3, use the table that shows the price of admission to a movie theater.**

Movie Theater Admission
Adults: $8
Children (under 13): $5
Matinee (before 6 P.M.): $3

1. Janelle (age 12) and her cousin, Marquita (age 14), go to a 7:00 P.M. show. Write an expression for the total cost of admission. What is the total cost?

2. Jan takes her three children and two neighbor's children to a matinee. All of the children are under age 13. Write an expression for the total cost of admission. How much in all did Jan pay for admission?

3. Connor (age 13), his sister (age 7), and Connor's parents go to a movie on Saturday night. Write an expression for the total cost. What is the total cost?

4. **SOCCER** Eduardo is 16 years old. Eduardo's dad takes him and his younger sister to a soccer match. Tickets are $17 for adults and $13 for children (18 and under). Write an expression for the total cost of the tickets. What is the total cost of the tickets?

5. **MONEY** Frankie orders two hamburgers and a soda for lunch. A hamburger is $3 and a soda is $1. Write an expression to show how much he paid for lunch. Then find the value of the expression.

6. **MONEY** A store sells barrettes for $2 each and combs for $1. Shelby buys 3 barrettes and a comb. Ashley buys 2 barrettes and 4 combs. Write an expression for the amount the two girls spent all together. Find the total amount spent.