

Problem Solving: Multiple-Step Problems

Solve.

1. Theater tickets for children cost \$5. Adult tickets cost \$3 more. If 2 adults and 2 children buy theater tickets, what is the total cost?

2. Luis has a \$10 bill and three \$5 bills. He spends \$12.75 on the entrance fee to an amusement park and \$8.50 on snacks. How much money does he have left?

3. **Number Sense** Alexandra earns \$125 from her paper route each month, but she spends about \$20 each month on personal expenses. To pay for a school trip that costs \$800, about how many months does she need to save money? Explain.

4. **Critical Thinking** Patty is a member of the environmental club. Each weekday, she volunteers for 2 hours. On Saturday and Sunday, she volunteers 3 hours more each day. Which expression shows how to find the number of hours she volunteers in one week?

A $2 + 5$

B $2 + 2 + 2 + 2 + 2 + 5 + 5$

C $2 + 2 + 2 + 3 + 3$

D $2 + 3 + 3$

5. **Explain It** Marco's goal is to eat only 2,000 calories each day. One day for breakfast he consumed 310 calories, for lunch he consumed 200 more calories than breakfast, and for dinner he consumed 800. Did he make his goal? Explain.
