Problem Solving: Multiple-Step Problems

Solve. Answer the hidden question first.

1. Marcus counted a total of 40 wheels from bicycles and tricycles while sitting on a park bench. Marcus counted 8 bicycles. How many tricycles did Marcus count?

   HINT: Hidden Question—How many wheels did the bicycles have?

2. Julie bought 3 baseballs and some softballs. The total cost of the balls was $45. Each ball costs $5. How many softballs did Julie buy?

   HINT: How much money did Julie spend on baseballs?

3. Bert bought 4 books for $7 each and a magazine for $5. He paid with a $50 bill. How much money did Bert receive back from the cashier?

   HINT: Hidden Question—How much money did Bert spend?

4. A community group bought 9 student tickets and 3 adult tickets to the movies. The total cost of the tickets was $78. Student tickets cost $6. How much money does an adult ticket cost?

   HINT: How much money did the group spend on student tickets?

5. There are 48 students in the band. The boys and girls are in separate rows. There are 6 students in each row. There are 3 rows of boys. How many rows of girls are there? Explain your work.

6. Write a Problem Write a problem that can be solved by finding and answering a hidden question.