Problem Solving   **Name:**

Solve each problem using the "CUBE" method from today's class.

1. Rhonda and 2 friends spent $36.95 on dinner. They decided to leave a $6.00 tip. If they split the total bill (including tip), how much did each person spend on dinner?

2. Students at school play a game called "Pass it Along." In this game, one student picks a phrase and tells it to 3 other students. Each of these students then tells 3 more students. The pattern continues. How many students will be told the phrase during round 4?

3. Sharon had $100.00 to spend on new clothes. She purchased 2 shirts for $25.50 each. She found shorts that were on sale for 2 for $15.75 (including tax). How many shorts could she purchase and stay within her $100.00 budget?

4. Rob's family took a trip to Maine this summer. The distance from Rob's town to Maine was 789 miles. Rob's dad wanted to drive the trip without stopping and make it to Maine in 12 hours. What average speed would Rob's dad have to maintain in order for the trip to take exactly 12 hours?