More Tax & Tips Problems

Set up a **proportion** in order to solve the problem. Calculators are allowed on this assignment.   Round your answers to the nearest cent.

1) A bike costs $189.50. The sales tax rate is 5%. What is the total price?

2) Rosa and her friends are eating out for dinner. The bill was $45.80. They want to leave a 20% tip. How much should they leave for tip?

3) Rick bought 3 shirts for $18 each, 2 pair of socks for $3.99 a pair, and a pair of pants for $45. The sales tax rate is 8%. How much did he pay total?

4) Megan bought 50 beads for $9.95. She paid sales tax of 6%. How much did she pay in total for the beads?

5) Eric bought a canoe for $333.75. The sales tax was 5.25%. What was his total cost?

6) Shinya went to the salon. The cost of her haircut was $16. He tipped the barber 15%. What was his total cost?

7) A snowmobile is priced at $2,800. The sales tax rate is 8%. How much sales tax will be paid for the snowmobile?

8) Lisa's store collects 5% sales tax on every item sold. If she collected $22 in sales tax, what was the total cost of all the items sold in her store?

9) After the 15% sales tax, the jeans were $51.75. How much were the jeans before the sales tax?

10) Mrs. Jones attended a party where she purchased a vase for $34.99. The shipping charge was $8, and 8% sales tax was paid on the vase, but no sales tax on the shipping charge. How much did she pay total for the vase?

11) CHALLENGE! The Rodriguez family went to dinner at Pasta Palace. Mr. Rodriguez ordered a meal for $6.25; Mrs. R. ordered a meal for $7.50; the 2 children ordered individual pizzas for $4.99 each. The sales tax rate was 7% and they left a 15% tip. How much was the total bill with all included? (Note: you don't leave tip on sales tax) (Hint: more than one proportion may be needed...)