Solving Percent 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) Michigan sales tax is 6%. Your bill pre-tax came to $52.30. How much will your total bill be when sales tax is included?

2) Michigan sales tax is 6%. Your bill pre-tax came to $145.90. How much will your total bill be when sales tax is included?

3) Michigan sales tax is 6%. Your bill pre-tax came to $74.10. How much will your total bill be when sales tax is included?

4) Michigan sales tax is 6%. Your bill pre-tax came to $200.40. How much will your total bill be when sales tax is included?

5) Tips at a restaurant at lunchtime are typically 15% of your bill. Your lunch bill came to $42.30. How much should you leave for a tip?

6) Tips at a restaurant at lunchtime are typically 15% of your bill. Your lunch bill came to $34.15. How much will your total bill be when the tip is included?

7) Tips at a restaurant at dinnertime are typically 20% of your bill. Your dinner bill came to $64.50. How much should you leave for a tip?

8) Tips at a restaurant at dinnertime are typically 20% of your bill. Your dinner bill came to $51.25. How much will your total bill be when the tip is included?

9) Tips at a restaurant at lunchtime are typically 15% of your bill. Your lunch bill came to $14.60. How much should you leave for a tip?

10) Tips at a restaurant at lunchtime are typically 15% of your bill. Your lunch bill came to $26.45. How much will your total bill be when the tip is included?

11) Tips at a restaurant at dinnertime are typically 20% of your bill. Your dinner bill came to $74.10. How much should you leave for a tip?

12) Tips at a restaurant at dinnertime are typically 20% of your bill. Your dinner bill came to $43.90. How much will your total bill be when the tip is included?