

Name _____

Date _____

Solve each problem below using your knowledge of decimals.

1. Estimate each sum.

a) $\$7.15 + \6.39 _____

b) $44.158 + 19.123 + 6.087$ _____

c) $0.24 + 0.009 + 0.398$ _____

d) $\$5.89 + 0.45 + \$2.11 + \$1.79$ _____

2. Add each set of decimals.

a) $5.79 + 3.085$ _____

b) $24.07 + 5.321 + 203.2$ _____

c) $\$199.49 + 43.79 + 50.00$ _____

d) $89.85 + 0.02 + 2.71984$ _____

3. Sophia went shopping for clothes and estimated that her total would be \$110.00. The actual total was \$114.38. Did she overestimate or underestimate? Explain your answer.

4. Expenses for the Chen's family vacation were \$984.50 for hotels, \$387.95 for meals, \$184 for transportation, and \$84.72 for souvenirs. Estimate the total cost.

5. Lori estimated that her monthly food expenses would be \$800.00. The actual cost was \$786.45. Did she overestimate or underestimate? Explain your answer.

6. A marble rolled 3.8659 cm and then rolled 16.17 cm. How far did it roll altogether? _____

7. Carol measured her lunch in grams for three days: She measured 98.945 grams on Monday, 27.9265 grams on Tuesday and 411.87 grams on Wednesday. What is the total weight of these lunches in grams?
