Solving with Mixed Operations (Word)

Name:

Solve each problem.

1) Vanessa and 3 friends were going to the movies. Each ticket cost $9.00 and then they bought 3 popcorns at $6.50 a piece and then each person bought their own soda at $1.50 each. How much money did they spend total for their trip to the movies?

1. _____

2. _____

3. _____

4. _____

2) Tiffany was playing a trivia game where you gained points for correct answers and lost points for incorrect answers. At the start of round 3 she was at 1 points. During the round she answered 8 7 point questions correct and she answered 2 1 points questions incorrect. What was her score at the end of the round?

5. _____

3) A new pizza shop opened up and started out $5,805.23 in the hole. Their first month being open they sold 80 pizzas ($6.32 profit each) and 91 sodas ($2.26 profit each). Their bills for the first month were $1,764.63. How much money do they still need to make to break even?

4) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at $10.94 per pound, 6 pounds of potatoes at $10.15 a pound and 4 pounds of carrots at $8.01 per pound. He estimates that this will make 20 meals. If he charges $40.20 per meal how much profit will he make?

5) At the state fair 4 employees were paid $8.83 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra $4.80 an hour). How much money did they make total?

Solve each problem.

1) Vanessa and 3 friends were going to the movies. Each ticket cost $9.00 and then they bought 3 popcorns at $6.50 a piece and then each person bought their own soda at $1.50 each. How much money did they spend total for their trip to the movies?
4 (total number of people (friends plus Vanessa))
36 (total cost for movie tickets)
19.5 (total cost for popcorns)
6 (total cost for sodas for each person)
61.5 (total cost for the movie trip)

1. **61.5**

2) Tiffany was playing a trivia game where you gained points for correct answers and lost points for incorrect answers. At the start of round 3 she was at 1 points. During the round she answered 8 7 point questions correct and she answered 2 1 points questions incorrect. What was her score at the end of the round?
56 (points gained from correct answers)
2 (points lost from incorrect answers)
55 (final score at the end of the round)

2. **55**

3. **6,858.6**

4. **656.36**

5. **484.52**

3) A new pizza shop opened up and started out $5,805.23 in the hole. Their first month being open they sold 80 pizzas ($6.32 profit each) and 91 sodas ($2.26 profit each). Their bills for the first month were $1,764.63. How much money do they still need to make to break even?
505.6 (total profit from pizzas)
205.66 (total profit from sodas)
711.26 (total profit from all sales)
-1053.37 (net profit after paying bills)
6858.6 (remaining amount to break even)

4) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at $10.94 per pound, 6 pounds of potatoes at $10.15 a pound and 4 pounds of carrots at $8.01 per pound. He estimates that this will make 20 meals. If he charges $40.20 per meal how much profit will he make?
54.7 (total cost of beef)
60.9 (total cost of potatoes)
32.04 (total cost of carrots)
147.64 (total cost of all items)
804 (total revenue from meals)
656.36 (profit (total revenue - total cost))

5) At the state fair 4 employees were paid $8.83 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra $4.80 an hour). How much money did they make total?
211.92 (total regular pay for all employees)
13.63 (overtime pay rate per hour)
272.6 (total overtime pay for all employees)
484.52 (total money made by all employees)

Math