Solving with Mixed Operations (Word)

Name: _____

Solve each problem.

1) Lana and 4 friends were going to the movies. Each ticket cost $9.00 and then they bought 2 popcorns at $3.75 a piece and then each person bought their own soda at $3.50 each. How much money did they spend total for their trip to the movies?

1. _____

2. _____

3. _____

4. _____

2) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $0.20, for each pound of aluminum they offered $1.42 and for each pound of plastic they offered $0.03. Edward took in 8 pounds of paper, 11 pounds of aluminum and 11 pounds of plastic. How much money did he earn?

5. _____

3) A deluxe bakery sells a cookie for $2.37, a brownie for $4.43 and a cake for $22.32. On Wednesday they sold 14 cookies, 5 brownies and 1 cakes. The cost in ingredients for each cookie is $1.38, for each brownie is $0.05 and for each cake is $7.46. How much profit did they make on Wednesday?

4) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at $8.58 per pound, 7 pounds of potatoes at $6.19 a pound and 9 pounds of carrots at $8.74 per pound. He estimates that this will make 22 meals. If he charges $46.92 per meal how much profit will he make?

5) At the state fair 7 employees were paid $7.12 an hour. They worked for 10 hours at regular price and then for 4 hours at overtime price (an extra $2.11 an hour). How much money did they make total?

Solve each problem.

1) Lana and 4 friends were going to the movies. Each ticket cost $9.00 and then they bought 2 popcorns at $3.75 a piece and then each person bought their own soda at $3.50 each. How much money did they spend total for their trip to the movies?
5 (total number of people (friends plus Lana))
45 (total cost for movie tickets)
7.5 (total cost for popcorns)
17.5 (total cost for sodas for each person)
70 (total cost for the movie trip)

1. **70**

2. **17.55**

3. **50.62**

4. **841.61**

5. **756.84**

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1.6 (total earnings from paper)
15.62 (total earnings from aluminum)
0.33 (total earnings from plastic)
17.55 (total earnings from all recyclables)

3) A deluxe bakery sells a cookie for $2.37, a brownie for $4.43 and a cake for $22.32. On Wednesday they sold 14 cookies, 5 brownies and 1 cakes. The cost in ingredients for each cookie is $1.38, for each brownie is $0.05 and for each cake is $7.46. How much profit did they make on Wednesday?
33.18 (total revenue from cookies)
22.15 (total revenue from brownies)
22.32 (total revenue from cakes)
77.65 (total revenue from all items)
19.32 (total cost of ingredients for cookies)
0.25 (total cost of ingredients for brownies)
7.46 (total cost of ingredients for cakes)
27.03 (total cost of ingredients for all items)
50.62 (profit (total revenue - total cost))

4) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at $8.58 per pound, 7 pounds of potatoes at $6.19 a pound and 9 pounds of carrots at $8.74 per pound. He estimates that this will make 22 meals. If he charges $46.92 per meal how much profit will he make?
68.64 (total cost of beef)
43.33 (total cost of potatoes)
78.66 (total cost of carrots)
190.63 (total cost of all items)
1032.24 (total revenue from meals)
841.61 (profit (total revenue - total cost))

5) At the state fair 7 employees were paid $7.12 an hour. They worked for 10 hours at regular price and then for 4 hours at overtime price (an extra $2.11 an hour). How much money did they make total?
498.4 (total regular pay for all employees)
9.23 (overtime pay rate per hour)