Solving with Mixed Operations (Word)   Name: _____

Solve each problem.

1) Nancy and 5 friends were going to the movies. Each ticket cost $15.00 and then they bought 3 popcorns at $4.75 a piece and then each person bought their own soda at $3.25 each. How much money did they spend total for their trip to the movies?

1. _____

2. _____

3. _____

4. _____

2) A deluxe bakery sells a cookie for $3.23, a brownie for $2.09 and a cake for $23.89. On Wednesday they sold 11 cookies, 4 brownies and 2 cakes. The cost in ingredients for each cookie is $1.44, for each brownie is $0.44 and for each cake is $7.57. How much profit did they make on Wednesday?

5. _____

3) A new pizza shop opened up and started out $5,714.59 in the hole. Their first month being open they sold 58 pizzas ($3.99 profit each) and 85 sodas ($2.44 profit each). Their bills for the first month were $1,831.11. How much money do they still need to make to break even?

4) A restaurant chef was ordering supplies. He ordered 7 pounds of beef at $10.31 per pound, 8 pounds of potatoes at $8.58 a pound and 9 pounds of carrots at $10.56 per pound. He estimates that this will make 27 meals. If he charges $31.54 per meal how much profit will he make?

5) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $0.62, for each pound of aluminum they offered $1.40 and for each pound of plastic they offered $0.41. Ned took in 10 pounds of paper, 9 pounds of aluminum and 8 pounds of plastic. How much money did he earn?

Math

Solve each problem.

1) Nancy and 5 friends were going to the movies. Each ticket cost $15.00 and then they bought 3 popcorns at $4.75 a piece and then each person bought their own soda at $3.25 each. How much money did they spend total for their trip to the movies?

   (15×(5+1)) + (3×4.75) + (3.25×(5+1))

2) A deluxe bakery sells a cookie for $3.23, a brownie for $2.09 and a cake for $23.89. On Wednesday they sold 11 cookies, 4 brownies and 2 cakes. The cost in ingredients for each cookie is $1.44, for each brownie is $0.44 and for each cake is $7.57. How much profit did they make on Wednesday?

   ((11×3.23)+(4×2.09)+(2×23.89))- ((11×1.44)+(4×0.44)+(2×7.57))

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   (5714.59×-1)+((58×3.99)+(85×2.44))-(1831.11)

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   (27×31.54)-((7×10.31)+(8×8.58)+(9×10.56))

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   (0.62×10) + (1.4×9) + (0.41×8)

	Answers
1.	**123.75**
2.	**58.93**
3.	**-7,106.88**
4.	**615.73**
5.	**22.08**

1-5 | 80 | 60 | 40 | 20 | 0

Math