Name:

Answers

Solve each problem.

1) A new pizza shop opened up and started out $5,905.55 in the hole. Their first month being open they sold 73 pizzas ($6.62 profit each) and 83 sodas ($1.41 profit each). Their bills for the first month were $1,815.13. How much money do they still need to make to break even?

1. _____

2. _____

3. _____

4. _____

2) Olivia 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 -800 points. During the round she answered 9 300 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round?

5. _____

3) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at $10.48 per pound, 7 pounds of potatoes at $7.23 a pound and 8 pounds of carrots at $10.06 per pound. He estimates that this will make 22 meals. If he charges $41.76 per meal how much profit will he make?

4) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.94, for each pound of aluminum they offered $2.58 and for each pound of plastic they offered $0.62. Frank took in 5 pounds of paper, 10 pounds of aluminum and 7 pounds of plastic. How much money did he earn?

5) Amy and 3 friends were going to the movies. Each ticket cost $14.00 and then they bought 2 popcorns at $5.75 a piece and then each person bought their own soda at $3.00 each. How much money did they spend total for their trip to the movies?

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

Solve each problem.

Answers

1) A new pizza shop opened up and started out $5,905.55 in the hole. Their first month being open they sold 73 pizzas ($6.62 profit each) and 83 sodas ($1.41 profit each). Their bills for the first month were $1,815.13. How much money do they still need to make to break even?

$(5905.55 \times -1) + ((73 \times 6.62) + (83 \times 1.41)) - (1815.13)$

1. **-7,120.39**

2. **-2,100**

3. **745.71**

4. **39.84**

2) Olivia 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 -800 points. During the round she answered 9 300 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round?

$-800 + (9 \times 300) + (5 \times 800 \times -1)$

5. **79.5**

3) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at $10.48 per pound, 7 pounds of potatoes at $7.23 a pound and 8 pounds of carrots at $10.06 per pound. He estimates that this will make 22 meals. If he charges $41.76 per meal how much profit will he make?

$(22 \times 41.76) - ((4 \times 10.48) + (7 \times 7.23) + (8 \times 10.06))$

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$(1.94 \times 5) + (2.58 \times 10) + (0.62 \times 7)$

5) Amy and 3 friends were going to the movies. Each ticket cost $14.00 and then they bought 2 popcorns at $5.75 a piece and then each person bought their own soda at $3.00 each. How much money did they spend total for their trip to the movies?

$(14 \times (3+1)) + (2 \times 5.75) + (3 \times (3+1))$

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