Solving with Mixed Operations (Word)

Name:

Solve each problem.

1) Vanessa 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 seven 700 point questions correct and she answered seven 900 points questions incorrect. What was her score at the end of the round?

1. _____

2. _____

3. _____

4. _____

2) Luke started the month with $157.48 in his bank account. Over the course of the month he got 2 paychecks. One for $275.63 and the other was for $245.02. He ended up spending $273.23 on food, $45.57 on gas and $119.17 and on car insurance. Then he decided to buy a new ipad which cost him $399.89. How much money was in Luke's account at the end of the month?

5. _____

3) A restaurant chef was ordering supplies. He ordered 6 pounds of beef at 9.78 per pound, 8 pounds of potatoes at $7.61 a pound and 8 pounds of carrots at $9.81 per pound. He estimates that this will make 29 meals. If he charges 45.06 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 $0.18, for each pound of aluminum they offered $2.89 and for each pound of plastic they offered $0.94. Oliver took in 13 pounds of paper, 12 pounds of aluminum and 6 pounds of plastic. How much money did he earn?

5) A deluxe bakery sells a cookie for $4.17, a brownie for $3.45 and a cake for $13.53. On Wednesday they sold 15 cookies, 5 brownies and 3 cakes. The cost in ingredients for each cookie is $0.34, for each brownie is $1.06 and for each cake is $8.5. How much profit did they make on Wednesday?

Solve each problem.

Answers

1. **-2,200**

2. **-159.73**

3. **1,108.7**

4. **42.66**

5. **84.49**

1) Vanessa 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 seven 700 point questions correct and she answered seven 900 points questions incorrect. What was her score at the end of the round?

-800+(7×700)+(7×900×-1)

2) Luke started the month with $157.48 in his bank account. Over the course of the month he got 2 paychecks. One for $275.63 and the other was for $245.02. He ended up spending $273.23 on food, $45.57 on gas and $119.17 and on car insurance. Then he decided to buy a new ipad which cost him $399.89. How much money was in Luke's account at the end of the month?

(157.48+275.63+245.02)-(273.23+45.57+119.17+399.89)

3) A restaurant chef was ordering supplies. He ordered 6 pounds of beef at 9.78 per pound, 8 pounds of potatoes at $7.61 a pound and 8 pounds of carrots at $9.81 per pound. He estimates that this will make 29 meals. If he charges 45.06 per meal how much profit will he make?

(29×45.06)-((6×9.78)+(8×7.61)+(8×9.81))

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(0.18×13) + (2.89×12) + (0.94×6)

5) A deluxe bakery sells a cookie for $4.17, a brownie for $3.45 and a cake for $13.53. On Wednesday they sold 15 cookies, 5 brownies and 3 cakes. The cost in ingredients for each cookie is $0.34, for each brownie is $1.06 and for each cake is $8.5. How much profit did they make on Wednesday?

((15×4.17)+(5×3.45)+(3×13.53))- ((15×0.34)+(5×1.06)+(3×8.5))