Solving with Mixed Operations (Word)

Name: _____

Solve each problem.

1) Lana 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 2 100 point questions correct and she answered 5 900 points questions incorrect. What was her score at the end of the round?

1. _____

2. _____

3. _____

4. _____

2) At the state fair 6 employees were paid $8.16 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra $3.60 an hour). How much money did they make total?

5. _____

3) A new pizza shop opened up and started out $6,935.42 in the hole. Their first month being open they sold 72 pizzas ($3.63 profit each) and 90 sodas ($2.69 profit each). Their bills for the first month were $1,626.63. How much money do they still need to make to break even?

4) Jerry started the month with $110.72 in his bank account. Over the course of the month he got 2 paychecks. One for $250.39 and the other was for $204.71. He ended up spending $267.04 on food, $42.31 on gas and $117.10 and on car insurance. Then he decided to buy a new ipad which cost him $362.46. How much money was in Jerry's account at the end of the month?

5) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.67, for each pound of aluminum they offered $1.32 and for each pound of plastic they offered $0.09. Adam took in 5 pounds of paper, 9 pounds of aluminum and 11 pounds of plastic. How much money did he earn?

Math

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

Solve each problem.

1) Lana 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 2 100 point questions correct and she answered 5 900 points questions incorrect. What was her score at the end of the round?

$-800+(2×100)+(5×900×-1)$

2) At the state fair 6 employees were paid $8.16 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra $3.60 an hour). How much money did they make total?

$(6×8.16×10)+((3.6+8.16)×3×6)$

3) A new pizza shop opened up and started out $6,935.42 in the hole. Their first month being open they sold 72 pizzas ($3.63 profit each) and 90 sodas ($2.69 profit each). Their bills for the first month were $1,626.63. How much money do they still need to make to break even?

$(6935.42×-1)+((72×3.63)+(90×2.69))-(1626.63)$

4) Jerry started the month with $110.72 in his bank account. Over the course of the month he got 2 paychecks. One for $250.39 and the other was for $204.71. He ended up spending $267.04 on food, $42.31 on gas and $117.10 and on car insurance. Then he decided to buy a new ipad which cost him $362.46. How much money was in Jerry's account at the end of the month?

$(110.72+250.39+204.71)-(267.04+42.31+117.1+362.46)$

5) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.67, for each pound of aluminum they offered $1.32 and for each pound of plastic they offered $0.09. Adam took in 5 pounds of paper, 9 pounds of aluminum and 11 pounds of plastic. How much money did he earn?

$(1.67×5) + (1.32×9) + (0.09×11)$

1.	**-5,100**
2.	**701.28**
3.	**-8,058.59**
4.	**-223.09**
5.	**21.22**

Math