Solving with Mixed Operations (Word)

Solve each problem.

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.11, for each pound of aluminum they offered $2.16 and for each pound of plastic they offered $0.56. Mike took in 14 pounds of paper, 6 pounds of aluminum and 8 pounds of plastic. How much money did he earn?

1. _____

2. _____

3. _____

4. _____

2) Paige 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 -500 points. During the round she answered 6 200 point questions correct and she answered 7 700 points questions incorrect. What was her score at the end of the round?

5. _____

3) Ned started the month with $196.25 in his bank account. Over the course of the month he got 2 paychecks. One for $291.04 and the other was for $261.52. He ended up spending $281.84 on food, $44.51 on gas and $103.62 and on car insurance. Then he decided to buy a new ipad which cost him $493.90. How much money was in Ned's account at the end of the month?

4) At the state fair 5 employees were paid $7.24 an hour. They worked for 9 hours at regular price and then for 2 hours at overtime price (an extra $4.83 an hour). How much money did they make total?

5) A deluxe bakery sells a cookie for $4.71, a brownie for $2.94 and a cake for $16.20. On Wednesday they sold 11 cookies, 6 brownies and 1 cakes. The cost in ingredients for each cookie is $0.45, for each brownie is $1.13 and for each cake is $8.90. How much profit did they make on Wednesday?

Math

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

Solve each problem.

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.11, for each pound of aluminum they offered $2.16 and for each pound of plastic they offered $0.56. Mike took in 14 pounds of paper, 6 pounds of aluminum and 8 pounds of plastic. How much money did he earn?

   (1.11×14) + (2.16×6) + (0.56×8)

2) Paige 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 -500 points. During the round she answered 6 200 point questions correct and she answered 7 700 points questions incorrect. What was her score at the end of the round?

   -500+(6×200)+(7×700×-1)

3) Ned started the month with $196.25 in his bank account. Over the course of the month he got 2 paychecks. One for $291.04 and the other was for $261.52. He ended up spending $281.84 on food, $44.51 on gas and $103.62 and on car insurance. Then he decided to buy a new ipad which cost him $493.90. How much money was in Ned's account at the end of the month?

   (196.25+291.04+261.52)-(281.84+44.51+103.62+493.9)

4) At the state fair 5 employees were paid $7.24 an hour. They worked for 9 hours at regular price and then for 2 hours at overtime price (an extra $4.83 an hour). How much money did they make total?

   (5×7.24×9)+((4.83+7.24)×2×5)

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   ((11×4.71)+(6×2.94)+(1×16.2))- ((11×0.45)+(6×1.13)+(1×8.9))

1.	**32.98**
2.	**-4,200**
3.	**-175.06**
4.	**446.5**
5.	**65.02**

Math