Solve each problem.

1) 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 $1.33 and for each pound of plastic they offered $0.52. Henry took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn?

1. _____

2. _____

3. _____

4. _____

2) A deluxe bakery sells a cookie for $2.55, a brownie for $2.74 and a cake for $19.33. On Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is $1.52, for each brownie is $1.40 and for each cake is $6.23. How much profit did they make on Wednesday?

5. _____

3) Bianca 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 -600 points. During the round she answered 2 700 point questions correct and she answered 6 200 points questions incorrect. What was her score at the end of the round?

4) Kaleb started the month with $183.66 in his bank account. Over the course of the month he got 2 paychecks. One for $227.79 and the other was for $247.07. He ended up spending $297.84 on food, $47.04 on gas and $110.28 and on car insurance. Then he decided to buy a new ipad which cost him $497.33. How much money was in Kaleb's account at the end of the month?

5) A restaurant chef was ordering supplies. He ordered 9 pounds of beef at $7.08 per pound, 5 pounds of potatoes at $10.93 a pound and 5 pounds of carrots at $9.31 per pound. He estimates that this will make 27 meals. If he charges $37.76 per meal how much profit will he make?

Solve each problem.

Answers

1) 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 $1.33 and for each pound of plastic they offered $0.52. Henry took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn?

$(1.94 \times 9) + (1.33 \times 15) + (0.52 \times 15)$

1. _____ **45.21**

2. _____ **62.79**

3. _____ **-400**

4. _____ **-293.97**

5. _____ **854.6**

2) A deluxe bakery sells a cookie for $2.55, a brownie for $2.74 and a cake for $19.33. On Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is $1.52, for each brownie is $1.40 and for each cake is $6.23. How much profit did they make on Wednesday?

$((15 \times 2.55) + (6 \times 2.74) + (3 \times 19.33)) - ((15 \times 1.52) + (6 \times 1.4) + (3 \times 6.23))$

3) Bianca 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 -600 points. During the round she answered 2 700 point questions correct and she answered 6 200 points questions incorrect. What was her score at the end of the round?

$-600 + (2 \times 700) + (6 \times 200 \times -1)$

4) Kaleb started the month with $183.66 in his bank account. Over the course of the month he got 2 paychecks. One for $227.79 and the other was for $247.07. He ended up spending $297.84 on food, $47.04 on gas and $110.28 and on car insurance. Then he decided to buy a new ipad which cost him $497.33. How much money was in Kaleb's account at the end of the month?

$(183.66 + 227.79 + 247.07) - (297.84 + 47.04 + 110.28 + 497.33)$

5) A restaurant chef was ordering supplies. He ordered 9 pounds of beef at $7.08 per pound, 5 pounds of potatoes at $10.93 a pound and 5 pounds of carrots at $9.31 per pound. He estimates that this will make 27 meals. If he charges $37.76 per meal how much profit will he make?

$(27 \times 37.76) - ((9 \times 7.08) + (5 \times 10.93) + (5 \times 9.31))$

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