

**Solve each problem.****Answers**

- 1) George started the month with \$200.66 in his bank account. Over the course of the month he got 2 paychecks. One for \$230.52 and the other was for \$287.97. He ended up spending \$254.53 on food, \$45.63 on gas and \$107.67 and on car insurance. Then he decided to buy a new ipad which cost him \$334.16. How much money was in George's account at the end of the month?
- 2) At the state fair 6 employees were paid \$6.04 an hour. They worked for 7 hours at regular price and then for 2 hours at overtime price (an extra 3.24 an hour). How much money did they make total?
- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$0.91, for each pound of aluminum they offered \$2.58 and for each pound of plastic they offered \$0.54. Oliver took in 9 pounds of paper, 6 pounds of aluminum and 9 pounds of plastic. How much money did he earn?
- 4) Emily 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 five 500 point questions correct and she answered four 300 points questions incorrect. What was her score at the end of the round?
- 5) A new pizza shop opened up and started out \$5,969.87 in the hole. Their first month being open they sold 68 pizzas (\$4.56 profit each) and 84 sodas (\$2.62 profit each). Their bills for the first month were \$1,938.45. How much money do they still need to make to break even?

1. _____
2. _____
3. _____
4. _____
5. _____

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- 1) George started the month with \$200.66 in his bank account. Over the course of the month he got 2 paychecks. One for \$230.52 and the other was for \$287.97. He ended up spending \$254.53 on food, \$45.63 on gas and \$107.67 and on car insurance. Then he decided to buy a new ipad which cost him \$334.16. How much money was in George's account at the end of the month?

$$(200.66 + 230.52 + 287.97) - (254.53 + 45.63 + 107.67 + 334.16)$$

1. **-22.84**

- 2) At the state fair 6 employees were paid \$6.04 an hour. They worked for 7 hours at regular price and then for 2 hours at overtime price (an extra 3.24 an hour). How much money did they make total?

$$(6 \times 6.04 \times 7) + ((3.24 + 6.04) \times 2 \times 6)$$

2. **365.04**3. **28.53**4. **500**5. **-7,378.16**

- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$0.91, for each pound of aluminum they offered \$2.58 and for each pound of plastic they offered \$0.54. Oliver took in 9 pounds of paper, 6 pounds of aluminum and 9 pounds of plastic. How much money did he earn?

$$(0.91 \times 9) + (2.58 \times 6) + (0.54 \times 9)$$

- 4) Emily 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 five 500 point questions correct and she answered four 300 points questions incorrect. What was her score at the end of the round?

$$-800 + (5 \times 500) + (4 \times 300 \times -1)$$

- 5) A new pizza shop opened up and started out \$5,969.87 in the hole. Their first month being open they sold 68 pizzas (\$4.56 profit each) and 84 sodas (\$2.62 profit each). Their bills for the first month were \$1,938.45. How much money do they still need to make to break even?

$$(5969.87 \times -1) + ((68 \times 4.56) + (84 \times 2.62)) - (1938.45)$$