

**Solve each problem.**

- 1) At the state fair 9 employees were paid \$6.61 an hour. They worked for 6 hours at regular price and then for 4 hours at overtime price (an extra \$4.06 an hour). How much money did they make total?
  
- 2) A deluxe bakery sells a cookie for \$4.49, a brownie for \$4.84 and a cake for \$18.44. On Wednesday they sold 14 cookies, 5 brownies and 2 cakes. The cost in ingredients for each cookie is \$1.19, for each brownie is \$0.88 and for each cake is \$5.88. How much profit did they make on Wednesday?
  
- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.80, for each pound of aluminum they offered \$2.02 and for each pound of plastic they offered \$0.60. Henry took in 12 pounds of paper, 11 pounds of aluminum and 13 pounds of plastic. How much money did he earn?
  
- 4) Carol and 4 friends were going to the movies. Each ticket cost \$9.00 and then they bought 4 popcorns at \$4.75 a piece and then each person bought their own soda at \$2.75 each. How much money did they spend total for their trip to the movies?
  
- 5) Roger started the month with \$187.27 in his bank account. Over the course of the month he got 2 paychecks. One for \$211.41 and the other was for \$228.99. He ended up spending \$284.64 on food, \$41.20 on gas and \$106.22 and on car insurance. Then he decided to buy a new ipad which cost him \$471.63. How much money was in Roger's account at the end of the month?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Solve each problem.

1) At the state fair 9 employees were paid \$6.61 an hour. They worked for 6 hours at regular price and then for 4 hours at overtime price (an extra \$4.06 an hour). How much money did they make total?

356.94 (total regular pay for all employees)  
10.67 (overtime pay rate per hour)  
384.12 (total overtime pay for all employees)  
741.06 (total money made by all employees)

2) A deluxe bakery sells a cookie for \$4.49, a brownie for \$4.84 and a cake for \$18.44. On Wednesday they sold 14 cookies, 5 brownies and 2 cakes. The cost in ingredients for each cookie is \$1.19, for each brownie is \$0.88 and for each cake is \$5.88. How much profit did they make on Wednesday?

62.86 (total revenue from cookies)  
24.2 (total revenue from brownies)  
36.88 (total revenue from cakes)  
123.94 (total revenue from all items)  
16.66 (total cost of ingredients for cookies)  
4.4 (total cost of ingredients for brownies)  
11.76 (total cost of ingredients for cakes)  
32.82 (total cost of ingredients for all items)  
91.12 (profit (total revenue - total cost))

3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.80, for each pound of aluminum they offered \$2.02 and for each pound of plastic they offered \$0.60. Henry took in 12 pounds of paper, 11 pounds of aluminum and 13 pounds of plastic. How much money did he earn?

21.6 (total earnings from paper)  
22.22 (total earnings from aluminum)  
7.8 (total earnings from plastic)  
51.62 (total earnings from all recyclables)

4) Carol and 4 friends were going to the movies. Each ticket cost \$9.00 and then they bought 4 popcorns at \$4.75 a piece and then each person bought their own soda at \$2.75 each. How much money did they spend total for their trip to the movies?

5 (total number of people (friends plus Carol))  
45 (total cost for movie tickets)  
19 (total cost for popcorns)  
13.75 (total cost for sodas for each person)  
77.75 (total cost for the movie trip)

5) Roger started the month with \$187.27 in his bank account. Over the course of the month he got 2 paychecks. One for \$211.41 and the other was for \$228.99. He ended up spending \$284.64 on food, \$41.20 on gas and \$106.22 and on car insurance. Then he decided to buy a new ipad which cost him \$471.63. How much money was in Roger's account at the end of the month?

627.67 (total balance after receiving paychecks)

**Answers**1. **741.06**2. **91.12**3. **51.62**4. **77.75**5. **-276.02**