

**Solve each problem.**

- 1) Luke started the month with \$178.06 in his bank account. Over the course of the month he got 2 paychecks. One for \$214.31 and the other was for \$265.56. He ended up spending \$249.26 on food, \$41.40 on gas and \$123.72 and on car insurance. Then he decided to buy a new ipad which cost him \$436.94. How much money was in Luke's account at the end of the month?

- 2) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at 8.83 per pound, 4 pounds of potatoes at \$10.39 a pound and 8 pounds of carrots at \$10.48 per pound. He estimates that this will make 28 meals. If he charges 45.02 per meal how much profit will he make?

- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.51, for each pound of aluminum they offered \$2.74 and for each pound of plastic they offered \$0.69. Adam took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn?

- 4) At noon the temperature was -3° C. Over the next four hours the temperature dropped another 15 degrees. Then every hour until 7:00 the temperature rose 2 degrees. What was the temperature at 7:00?

- 5) A deluxe bakery sells a cookie for \$4.17, a brownie for \$4.53 and a cake for \$24.77. On Wednesday they sold 11 cookies, 5 brownies and 3 cakes. The cost in ingredients for each cookie is \$0.8, for each brownie is \$1.19 and for each cake is \$6.3. How much profit did they make on Wednesday?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

**Solve each problem.**

- 1) Luke started the month with \$178.06 in his bank account. Over the course of the month he got 2 paychecks. One for \$214.31 and the other was for \$265.56. He ended up spending \$249.26 on food, \$41.40 on gas and \$123.72 and on car insurance. Then he decided to buy a new ipad which cost him \$436.94. How much money was in Luke's account at the end of the month?

$$(178.06+214.31+265.56)-(249.26+41.4+123.72+436.94)$$

- 2) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at 8.83 per pound, 4 pounds of potatoes at \$10.39 a pound and 8 pounds of carrots at \$10.48 per pound. He estimates that this will make 28 meals. If he charges 45.02 per meal how much profit will he make?

$$(28 \times 45.02) - ((8 \times 8.83) + (4 \times 10.39) + (8 \times 10.48))$$

- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.51, for each pound of aluminum they offered \$2.74 and for each pound of plastic they offered \$0.69. Adam took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn?

$$(1.51 \times 9) + (2.74 \times 15) + (0.69 \times 15)$$

- 4) At noon the temperature was -3° C. Over the next four hours the temperature dropped another 15 degrees. Then every hour until 7:00 the temperature rose 2 degrees. What was the temperature at 7:00?

$$-3 + (-1 \times 15) + ((7-4) \times 2)$$

- 5) A deluxe bakery sells a cookie for \$4.17, a brownie for \$4.53 and a cake for \$24.77. On Wednesday they sold 11 cookies, 5 brownies and 3 cakes. The cost in ingredients for each cookie is \$0.8, for each brownie is \$1.19 and for each cake is \$6.3. How much profit did they make on Wednesday?

$$((11 \times 4.17) + (5 \times 4.53) + (3 \times 24.77)) - ((11 \times 0.8) + (5 \times 1.19) + (3 \times 6.3))$$

Answers1. **-193.39**2. **1,064.52**3. **65.04**4. **-12**5. **109.18**