Solving with Mixed Operations (Word)

Name:

Solve each problem.

Ex) Edward started the month with $124.20 in his bank account. Over the course of the month he got 2 paychecks. One for $242.19 and the other was for $224.65. He ended up spending $245.96 on food, $45.90 on gas and $107.37 and on car insurance. Then he decided to buy a new ipad which cost him $406.94. How much money was in Edward's account at the end of the month?

(124.2+242.19+224.65)-(245.96+45.9+107.37+406.94)

Ex. **-215.13**

1. _____

2. _____

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $0.43, for each pound of aluminum they offered $1.98 and for each pound of plastic they offered $0.17. Henry took in 7 pounds of paper, 6 pounds of aluminum and 6 pounds of plastic. How much money did he earn?

3. _____

4. _____

5. _____

2) A new pizza shop opened up and started out $5,616.72 in the hole. Their first month being open they sold 62 pizzas ($6.43 profit each) and 85 sodas ($1.86 profit each). Their bills for the first month were $1,401.76. How much money do they still need to make to break even?

3) At the state fair 8 employees were paid $7.06 an hour. They worked for 6 hours at regular price and then for 4 hours at overtime price (an extra 5.46 an hour). How much money did they make total?

4) At noon the temperature was -5° C. Over the next three hours the temperature dropped another 4 degrees. Then every hour until 6:00 the temperature rose 2 degrees. What was the temperature at 6:00?

5) A deluxe bakery sells a cookie for $3.73, a brownie for $3.13 and a cake for $30.02. On Wednesday they sold 11 cookies, 5 brownies and 2 cakes. The cost in ingredients for each cookie is $1.51, for each brownie is $1.64 and for each cake is $4.43. How much profit did they make on Wednesday?

Math

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

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Ex) Edward started the month with $124.20 in his bank account. Over the course of the month he got 2 paychecks. One for $242.19 and the other was for $224.65. He ended up spending $245.96 on food, $45.90 on gas and $107.37 and on car insurance. Then he decided to buy a new ipad which cost him $406.94. How much money was in Edward's account at the end of the month?

(124.2+242.19+224.65)-(245.96+45.9+107.37+406.94)

Ex. **-215.13**

1. **15.91**

2. **-6,461.72**

3. **739.52**

4. **-3**

5. **83.05**

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $0.43, for each pound of aluminum they offered $1.98 and for each pound of plastic they offered $0.17. Henry took in 7 pounds of paper, 6 pounds of aluminum and 6 pounds of plastic. How much money did he earn?

(0.43×7) + (1.98×6) + (0.17×6)

2) A new pizza shop opened up and started out $5,616.72 in the hole. Their first month being open they sold 62 pizzas ($6.43 profit each) and 85 sodas ($1.86 profit each). Their bills for the first month were $1,401.76. How much money do they still need to make to break even?

(5616.72×-1)+((62×6.43)+(85×1.86))-(1401.76)

3) At the state fair 8 employees were paid $7.06 an hour. They worked for 6 hours at regular price and then for 4 hours at overtime price (an extra 5.46 an hour). How much money did they make total?

(8×7.06×6)+((5.46+7.06)×4×8)

4) At noon the temperature was -5° C. Over the next three hours the temperature dropped another 4 degrees. Then every hour until 6:00 the temperature rose 2 degrees. What was the temperature at 6:00?

-5+(-1×4)+((6-3)×2)

5) A deluxe bakery sells a cookie for $3.73, a brownie for $3.13 and a cake for $30.02. On Wednesday they sold 11 cookies, 5 brownies and 2 cakes. The cost in ingredients for each cookie is $1.51, for each brownie is $1.64 and for each cake is $4.43. How much profit did they make on Wednesday?

((11×3.73)+(5×3.13)+(2×30.02))- ((11×1.51)+(5×1.64)+(2×4.43))

Math

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