Solve each problem.

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.93, for each pound of aluminum they offered $2.24 and for each pound of plastic they offered $0.37. Dave took in 11 pounds of paper, 5 pounds of aluminum and 10 pounds of plastic. How much money did he earn?

2) At the state fair 8 employees were paid $7.90 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra $2.32 an hour). How much money did they make total?

3) Jerry started the month with $190.74 in his bank account. Over the course of the month he got 2 paychecks. One for $255.86 and the other was for $300.50. He ended up spending $204.96 on food, $50.78 on gas and $114.03 and on car insurance. Then he decided to buy a new ipad which cost him $401.66. How much money was in Jerry's account at the end of the month?

4) A new pizza shop opened up and started out $6,430.59 in the hole. Their first month being open they sold 64 pizzas ($6.94 profit each) and 92 sodas ($2.33 profit each). Their bills for the first month were $1,962.86. How much money do they still need to make to break even?

5) At noon the temperature was 5° C. Over the next 2 hours the temperature dropped another 10 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

Answers

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

1-5	80	60	40	20	0

Solving with Mixed Operations (Word) Name: **Answer Key**

Solve each problem.

1) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered $1.93, for each pound of aluminum they offered $2.24 and for each pound of plastic they offered $0.37. Dave took in 11 pounds of paper, 5 pounds of aluminum and 10 pounds of plastic. How much money did he earn?

(1.93×11) + (2.24×5) + (0.37×10)

2) At the state fair 8 employees were paid $7.90 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra $2.32 an hour). How much money did they make total?

(8×7.9×10)+((2.32+7.9)×3×8)

3) Jerry started the month with $190.74 in his bank account. Over the course of the month he got 2 paychecks. One for $255.86 and the other was for $300.50. He ended up spending $204.96 on food, $50.78 on gas and $114.03 and on car insurance. Then he decided to buy a new ipad which cost him $401.66. How much money was in Jerry's account at the end of the month?

(190.74+255.86+300.5)-(204.96+50.78+114.03+401.66)

4) A new pizza shop opened up and started out $6,430.59 in the hole. Their first month being open they sold 64 pizzas ($6.94 profit each) and 92 sodas ($2.33 profit each). Their bills for the first month were $1,962.86. How much money do they still need to make to break even?

(6430.59×-1)+((64×6.94)+(92×2.33))-(1962.86)

5) At noon the temperature was 5° C. Over the next 2 hours the temperature dropped another 10 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

5+(-1×10)+((5-2)×3)

Answers

1. **36.13**
2. **877.28**
3. **-24.33**
4. **-7,734.93**
5. **4**

1-5	80	60	40	20	0