Solving with Mixed Operations (Word)

Name:

Solve each problem.

Ex) At the state fair 8 employees were paid $8.41 an hour. They worked for 8 hours at regular price and then for 4 hours at overtime price (an extra 4.31 an hour). How much money did they make total?

$(8\times8.41\times8)+((4.31+8.41)\times4\times8)$

Ex. **945.28**

1. _____

2. _____

1) At noon the temperature was 0° C. Over the next three hours the temperature dropped another 6 degrees. Then every hour until 5:00 the temperature rose 3 degrees. What was the temperature at 5:00?

3. _____

4. _____

5. _____

2) A deluxe bakery sells a cookie for $4.82, a brownie for $3.18 and a cake for $10.71. On Wednesday they sold 10 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is $0.33, for each brownie is $1.26 and for each cake is $7.99. How much profit did they make on Wednesday?

3) Paul started the month with $122.36 in his bank account. Over the course of the month he got 2 paychecks. One for $290.06 and the other was for $294.58. He ended up spending $215.70 on food, $47.97 on gas and $100.71 and on car insurance. Then he decided to buy a new ipad which cost him $356.40. How much money was in Paul's account at the end of the month?

4) Isabel and 3 friends were going to the movies. Each ticket cost $9 and then they bought 2 popcorns at $5.5 a piece and then each person bought their own soda at $1.5 each. How much money did they spend total for their trip to the movies?

5) Nancy 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 -600 points. During the round she answered two 400 point questions correct and she answered six 800 points questions incorrect. What was her score at the end of the round?

Math

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

Solve each problem.

Ex) At the state fair 8 employees were paid $8.41 an hour. They worked for 8 hours at regular price and then for 4 hours at overtime price (an extra 4.31 an hour). How much money did they make total?

$(8×8.41×8)+((4.31+8.41)×4×8)$

Ex. **945.28**

1. **0**

2. **64.58**

3. **-13.78**

4. **53**

5. **-4,600**

1) At noon the temperature was 0° C. Over the next three hours the temperature dropped another 6 degrees. Then every hour until 5:00 the temperature rose 3 degrees. What was the temperature at 5:00?

$0+(-1×6)+((5-3)×3)$

2) A deluxe bakery sells a cookie for $4.82, a brownie for $3.18 and a cake for $10.71. On Wednesday they sold 10 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is $0.33, for each brownie is $1.26 and for each cake is $7.99. How much profit did they make on Wednesday?

$((10×4.82)+(6×3.18)+(3×10.71))- ((10×0.33)+(6×1.26)+(3×7.99))$

3) Paul started the month with $122.36 in his bank account. Over the course of the month he got 2 paychecks. One for $290.06 and the other was for $294.58. He ended up spending $215.70 on food, $47.97 on gas and $100.71 and on car insurance. Then he decided to buy a new ipad which cost him $356.40. How much money was in Paul's account at the end of the month?

$(122.36+290.06+294.58)-(215.7+47.97+100.71+356.4)$

4) Isabel and 3 friends were going to the movies. Each ticket cost $9 and then they bought 2 popcorns at $5.5 a piece and then each person bought their own soda at $1.5 each. How much money did they spend total for their trip to the movies?

$(9×(3+1)) + (2×5.5) + (1.5×(3+1))$

5) Nancy 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 -600 points. During the round she answered two 400 point questions correct and she answered six 800 points questions incorrect. What was her score at the end of the round?

$-600+(2×400)+(6×800×-1)$

Math

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