Solving with Mixed Operations (Word)

Name: _____

Solve each problem.

1) Faye and 4 friends were going to the movies. Each ticket cost $12.00 and then they bought 2 popcorns at $5.00 a piece and then each person bought their own soda at $3.25 each. How much money did they spend total for their trip to the movies?

1. _____

2. _____

3. _____

4. _____

2) At the state fair 5 employees were paid $6.60 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra $4.90 an hour). How much money did they make total?

5. _____

3) A deluxe bakery sells a cookie for $4.33, a brownie for $4.11 and a cake for $23.58. On Wednesday they sold 13 cookies, 7 brownies and 3 cakes. The cost in ingredients for each cookie is $0.28, for each brownie is $0.30 and for each cake is $4.12. How much profit did they make on Wednesday?

4) At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 3 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

5) A restaurant chef was ordering supplies. He ordered 6 pounds of beef at $7.48 per pound, 8 pounds of potatoes at $9.66 a pound and 5 pounds of carrots at $7.47 per pound. He estimates that this will make 21 meals. If he charges $39.39 per meal how much profit will he make?

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   (12×(4+1)) + (2×5) + (3.25×(4+1))

2) At the state fair 5 employees were paid $6.60 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra $4.90 an hour). How much money did they make total?

   (5×6.6×6)+((4.9+6.6)×5×5)

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   ((13×4.33)+(7×4.11)+(3×23.58))- ((13×0.28)+(7×0.3)+(3×4.12))

4) At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 3 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

   1+(-1×3)+((6-4)×3)

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   (21×39.39)-((6×7.48)+(8×9.66)+(5×7.47))