Solving with Mixed Operations (Word)

Name:

Solve each problem.

1) Sarah and 3 friends were going to the movies. Each ticket cost $14.00 and then they bought 2 popcorns at $4.25 a piece and then each person bought their own soda at $1.00 each. How much money did they spend total for their trip to the movies?

1. _____

2. _____

3. _____

4. _____

2) At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 9 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?

5. _____

3) At the state fair 4 employees were paid $6.34 an hour. They worked for 10 hours at regular price and then for 5 hours at overtime price (an extra $2.05 an hour). How much money did they make total?

4) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at $9.22 per pound, 5 pounds of potatoes at $9.76 a pound and 7 pounds of carrots at $10.67 per pound. He estimates that this will make 22 meals. If he charges $42.82 per meal how much profit will he make?

5) Mike started the month with $123.54 in his bank account. Over the course of the month he got 2 paychecks. One for $230.17 and the other was for $296.04. He ended up spending $271.02 on food, $43.31 on gas and $122.82 and on car insurance. Then he decided to buy a new ipad which cost him $480.08. How much money was in Mike's account at the end of the month?

Math

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

Solve each problem.

Answers

1) Sarah and 3 friends were going to the movies. Each ticket cost $14.00 and then they bought 2 popcorns at $4.25 a piece and then each person bought their own soda at $1.00 each. How much money did they spend total for their trip to the movies?

(14×(3+1)) + (2×4.25) + (1×(3+1))

1. **68.5**

2. **0**

3. **421.4**

4. **744.79**

2) At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 9 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?

1+(-1×9)+((8-4)×2)

5. **-267.48**

3) At the state fair 4 employees were paid $6.34 an hour. They worked for 10 hours at regular price and then for 5 hours at overtime price (an extra $2.05 an hour). How much money did they make total?

(4×6.34×10)+((2.05+6.34)×5×4)

4) A restaurant chef was ordering supplies. He ordered 8 pounds of beef at $9.22 per pound, 5 pounds of potatoes at $9.76 a pound and 7 pounds of carrots at $10.67 per pound. He estimates that this will make 22 meals. If he charges $42.82 per meal how much profit will he make?

(22×42.82)-((8×9.22)+(5×9.76)+(7×10.67))

5) Mike started the month with $123.54 in his bank account. Over the course of the month he got 2 paychecks. One for $230.17 and the other was for $296.04. He ended up spending $271.02 on food, $43.31 on gas and $122.82 and on car insurance. Then he decided to buy a new ipad which cost him $480.08. How much money was in Mike's account at the end of the month?

(123.54+230.17+296.04)-(271.02+43.31+122.82+480.08)

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

Math