

**Solve each problem.****Answers**

- 1) At the state fair 4 employees were paid \$7.09 an hour. They worked for 7 hours at regular price and then for 2 hours at overtime price (an extra \$5.67 an hour). How much money did they make total?
- 2) Jerry started the month with \$172.43 in his bank account. Over the course of the month he got 2 paychecks. One for \$283.32 and the other was for \$271.91. He ended up spending \$261.28 on food, \$46.63 on gas and \$113.40 and on car insurance. Then he decided to buy a new ipad which cost him \$304.63. How much money was in Jerry's account at the end of the month?
- 3) Maria and 3 friends were going to the movies. Each ticket cost \$10.00 and then they bought 2 popcorns at \$6.50 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?
- 4) At noon the temperature was -2° C. Over the next 4 hours the temperature dropped another 13 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?
- 5) Amy 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 -800 points. During the round she answered 3 800 point questions correct and she answered 6 500 points questions incorrect. What was her score at the end of the round?

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



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Answers

- 1) At the state fair 4 employees were paid \$7.09 an hour. They worked for 7 hours at regular price and then for 2 hours at overtime price (an extra \$5.67 an hour). How much money did they make total?

$$(4 \times 7.09 \times 7) + ((5.67 + 7.09) \times 2 \times 4)$$

1. **300.6**2. **1.7200000000000001**3. **57**4. **0**

- 2) Jerry started the month with \$172.43 in his bank account. Over the course of the month he got 2 paychecks. One for \$283.32 and the other was for \$271.91. He ended up spending \$261.28 on food, \$46.63 on gas and \$113.40 and on car insurance. Then he decided to buy a new ipad which cost him \$304.63. How much money was in Jerry's account at the end of the month?

$$(172.43 + 283.32 + 271.91) - (261.28 + 46.63 + 113.4 + 304.63)$$

5. **-1,400**

- 3) Maria and 3 friends were going to the movies. Each ticket cost \$10.00 and then they bought 2 popcorns at \$6.50 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?

$$(10 \times (3 + 1)) + (2 \times 6.5) + (1 \times (3 + 1))$$

- 4) At noon the temperature was -2°C . Over the next 4 hours the temperature dropped another 13 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

$$-2 + (-1 \times 13) + ((9 - 4) \times 3)$$

- 5) Amy 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 -800 points. During the round she answered 3 800 point questions correct and she answered 6 500 points questions incorrect. What was her score at the end of the round?

$$-800 + (3 \times 800) + (6 \times 500 \times -1)$$