

**Solve each problem.**

- 1) At the state fair 4 employees were paid \$6.69 an hour. They worked for 8 hours at regular price and then for 5 hours at overtime price (an extra \$3.48 an hour). How much money did they make total?
  
- 2) At noon the temperature was  $4^{\circ}$  C. Over the next 2 hours the temperature dropped another 12 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?
  
- 3) 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 2 points. During the round she answered 5 6 point questions correct and she answered 2 2 points questions incorrect. What was her score at the end of the round?
  
- 4) Tiffany and 4 friends were going to the movies. Each ticket cost \$10.00 and then they bought 3 popcorns at \$3.00 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?
  
- 5) Kaleb started the month with \$177.10 in his bank account. Over the course of the month he got 2 paychecks. One for \$268.25 and the other was for \$209.21. He ended up spending \$212.84 on food, \$48.36 on gas and \$111.83 and on car insurance. Then he decided to buy a new ipad which cost him \$341.66. How much money was in Kaleb's account at the end of the month?

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_



Solve each problem.

1) At the state fair 4 employees were paid \$6.69 an hour. They worked for 8 hours at regular price and then for 5 hours at overtime price (an extra \$3.48 an hour). How much money did they make total?

214.08 (total regular pay for all employees)

10.17 (overtime pay rate per hour)

203.4 (total overtime pay for all employees)

417.48 (total money made by all employees)

2) At noon the temperature was  $4^{\circ}$  C. Over the next 2 hours the temperature dropped another 12 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?

12 (total temperature drop over the first period)

-8 (temperature after the first drop)

2 (number of hours from temperature drop period to 4:00)

4 (total temperature rise until 4:00)

-4 (temperature at 4:00)

3) 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 2 points. During the round she answered 5 6 point questions correct and she answered 2 2 points questions incorrect. What was her score at the end of the round?

30 (points gained from correct answers)

4 (points lost from incorrect answers)

28 (final score at the end of the round)

4) Tiffany and 4 friends were going to the movies. Each ticket cost \$10.00 and then they bought 3 popcorns at \$3.00 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?

5 (total number of people (friends plus Tiffany))

50 (total cost for movie tickets)

9 (total cost for popcorns)

5 (total cost for sodas for each person)

64 (total cost for the movie trip)

5) Kaleb started the month with \$177.10 in his bank account. Over the course of the month he got 2 paychecks. One for \$268.25 and the other was for \$209.21. He ended up spending \$212.84 on food, \$48.36 on gas and \$111.83 and on car insurance. Then he decided to buy a new ipad which cost him \$341.66. How much money was in Kaleb's account at the end of the month?

654.56 (total balance after receiving paychecks)

-60.13 (final balance after all expenses)

**Answers**1. **417.48**2. **-4**3. **28**4. **64**5. **-60.13**