

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

- 1) Vanessa and 3 friends were going to the movies. Each ticket cost \$9.00 and then they bought 2 popcorns at \$4.00 a piece and then each person bought their own soda at \$1.75 each. How much money did they spend total for their trip to the movies?

- 2) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$10.05 per pound, 8 pounds of potatoes at \$10.59 a pound and 4 pounds of carrots at \$6.06 per pound. He estimates that this will make 28 meals. If he charges \$33.91 per meal how much profit will he make?

- 3) At the state fair 5 employees were paid \$7.29 an hour. They worked for 8 hours at regular price and then for 5 hours at overtime price (an extra \$4.07 an hour). How much money did they make total?

- 4) A deluxe bakery sells a cookie for \$4.69, a brownie for \$3.16 and a cake for \$18.26. On Wednesday they sold 12 cookies, 9 brownies and 5 cakes. The cost in ingredients for each cookie is \$1.74, for each brownie is \$0.14 and for each cake is \$4.97. How much profit did they make on Wednesday?

- 5) Ned started the month with \$195.58 in his bank account. Over the course of the month he got 2 paychecks. One for \$262.93 and the other was for \$237.84. He ended up spending \$203.30 on food, \$50.32 on gas and \$107.82 and on car insurance. Then he decided to buy a new ipad which cost him \$330.12. How much money was in Ned's account at the end of the month?

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



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- 1) Vanessa and 3 friends were going to the movies. Each ticket cost \$9.00 and then they bought 2 popcorns at \$4.00 a piece and then each person bought their own soda at \$1.75 each. How much money did they spend total for their trip to the movies?

$$(9 \times (3+1)) + (2 \times 4) + (1.75 \times (3+1))$$

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$$(28 \times 33.91) - ((4 \times 10.05) + (8 \times 10.59) + (4 \times 6.06))$$

- 3) At the state fair 5 employees were paid \$7.29 an hour. They worked for 8 hours at regular price and then for 5 hours at overtime price (an extra \$4.07 an hour). How much money did they make total?

$$(5 \times 7.29 \times 8) + ((4.07 + 7.29) \times 5 \times 5)$$

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$$((12 \times 4.69) + (9 \times 3.16) + (5 \times 18.26)) - ((12 \times 1.74) + (9 \times 0.14) + (5 \times 4.97))$$

- 5) Ned started the month with \$195.58 in his bank account. Over the course of the month he got 2 paychecks. One for \$262.93 and the other was for \$237.84. He ended up spending \$203.30 on food, \$50.32 on gas and \$107.82 and on car insurance. Then he decided to buy a new ipad which cost him \$330.12. How much money was in Ned's account at the end of the month?

$$(195.58 + 262.93 + 237.84) - (203.3 + 50.32 + 107.82 + 330.12)$$

Answers1. 512. 800.323. 575.64. 129.035. 4.7900000000000001