



Solve each problem.

Answers

- 1) Henry started the month with \$155.72 in his bank account. Over the course of the month he got 2 paychecks. One for \$224.50 and the other was for \$217.16. He ended up spending \$259.70 on food, \$40.42 on gas and \$113.92 and on car insurance. Then he decided to buy a new ipad which cost him \$390.96. How much money was in Henry's account at the end of the month?

- 2) A restaurant chef was ordering supplies. He ordered 7 pounds of beef at \$6.69 per pound, 6 pounds of potatoes at \$10.39 a pound and 4 pounds of carrots at \$7.15 per pound. He estimates that this will make 28 meals. If he charges \$35.87 per meal how much profit will he make?

- 3) A new pizza shop opened up and started out \$5,018.30 in the hole. Their first month being open they sold 57 pizzas (\$3.65 profit each) and 83 sodas (\$2.20 profit each). Their bills for the first month were \$1,888.18. How much money do they still need to make to break even?

- 4) At noon the temperature was 1° C. Over the next 5 hours the temperature dropped another 2 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?

- 5) A deluxe bakery sells a cookie for \$3.28, a brownie for \$3.69 and a cake for \$24.38. On Wednesday they sold 14 cookies, 6 brownies and 4 cakes. The cost in ingredients for each cookie is \$0.67, for each brownie is \$1.20 and for each cake is \$4.70. How much profit did they make on Wednesday?

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



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$$(155.72+224.5+217.16)-(259.7+40.42+113.92+390.96)$$

1. **-207.62**

- 2) A restaurant chef was ordering supplies. He ordered 7 pounds of beef at \$6.69 per pound, 6 pounds of potatoes at \$10.39 a pound and 4 pounds of carrots at \$7.15 per pound. He estimates that this will make 28 meals. If he charges \$35.87 per meal how much profit will he make?

$$(28 \times 35.87) - ((7 \times 6.69) + (6 \times 10.39) + (4 \times 7.15))$$

2. **866.59**

- 3) A new pizza shop opened up and started out \$5,018.30 in the hole. Their first month being open they sold 57 pizzas (\$3.65 profit each) and 83 sodas (\$2.20 profit each). Their bills for the first month were \$1,888.18. How much money do they still need to make to break even?

$$(5018.3 \times -1) + ((57 \times 3.65) + (83 \times 2.2)) - (1888.18)$$

3. **-6,515.83**

- 4) At noon the temperature was 1° C. Over the next 5 hours the temperature dropped another 2 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?

$$1 + (-1 \times 2) + ((9 - 5) \times 2)$$

4. **7**

- 5) A deluxe bakery sells a cookie for \$3.28, a brownie for \$3.69 and a cake for \$24.38. On Wednesday they sold 14 cookies, 6 brownies and 4 cakes. The cost in ingredients for each cookie is \$0.67, for each brownie is \$1.20 and for each cake is \$4.70. How much profit did they make on Wednesday?

$$((14 \times 3.28) + (6 \times 3.69) + (4 \times 24.38)) - ((14 \times 0.67) + (6 \times 1.2) + (4 \times 4.7))$$

5. **130.2**