

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

- 1) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$9.18 per pound, 7 pounds of potatoes at \$9.94 a pound and 6 pounds of carrots at \$8.89 per pound. He estimates that this will make 30 meals. If he charges \$45.40 per meal how much profit will he make?
- 2) Kaleb started the month with \$141.41 in his bank account. Over the course of the month he got 2 paychecks. One for \$208.99 and the other was for \$211.59. He ended up spending \$206.95 on food, \$44.79 on gas and \$100.92 and on car insurance. Then he decided to buy a new ipad which cost him \$421.90. How much money was in Kaleb's account at the end of the month?
- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$0.44, for each pound of aluminum they offered \$2.92 and for each pound of plastic they offered \$0.11. Adam took in 9 pounds of paper, 15 pounds of aluminum and 11 pounds of plastic. How much money did he earn?
- 4) At the state fair 6 employees were paid \$9.80 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra \$3.64 an hour). How much money did they make total?
- 5) A new pizza shop opened up and started out \$5,668.67 in the hole. Their first month being open they sold 78 pizzas (\$6.29 profit each) and 89 sodas (\$2.24 profit each). Their bills for the first month were \$1,933.35. How much money do they still need to make to break even?

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



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Answers

- 1) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$9.18 per pound, 7 pounds of potatoes at \$9.94 a pound and 6 pounds of carrots at \$8.89 per pound. He estimates that this will make 30 meals. If he charges \$45.40 per meal how much profit will he make?

$$(30 \times 45.4) - ((5 \times 9.18) + (7 \times 9.94) + (6 \times 8.89))$$

1. 1,193.182. -212.573. 48.974. 829.925. -6,912.04

- 2) Kaleb started the month with \$141.41 in his bank account. Over the course of the month he got 2 paychecks. One for \$208.99 and the other was for \$211.59. He ended up spending \$206.95 on food, \$44.79 on gas and \$100.92 and on car insurance. Then he decided to buy a new ipad which cost him \$421.90. How much money was in Kaleb's account at the end of the month?

$$(141.41 + 208.99 + 211.59) - (206.95 + 44.79 + 100.92 + 421.9)$$

- 3) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$0.44, for each pound of aluminum they offered \$2.92 and for each pound of plastic they offered \$0.11. Adam took in 9 pounds of paper, 15 pounds of aluminum and 11 pounds of plastic. How much money did he earn?

$$(0.44 \times 9) + (2.92 \times 15) + (0.11 \times 11)$$

- 4) At the state fair 6 employees were paid \$9.80 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra \$3.64 an hour). How much money did they make total?

$$(6 \times 9.8 \times 10) + ((3.64 + 9.8) \times 3 \times 6)$$

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$$(5668.67 \times -1) + ((78 \times 6.29) + (89 \times 2.24)) - (1933.35)$$