

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

- Ex)** A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.04, for each pound of aluminum they offered \$2.6 and for each pound of plastic they offered \$0.87. Dave took in 9 pounds of paper, 13 pounds of aluminum and 11 pounds of plastic. How much money did he earn?

$$(1.04 \times 9) + (2.6 \times 13) + (0.87 \times 11)$$

Ex. 52.73

- 1) Isabel 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 -500 points. During the round she answered five 900 point questions correct and she answered three 200 points questions incorrect. What was her score at the end of the round?
- 2) A deluxe bakery sells a cookie for \$3.02, a brownie for \$4.62 and a cake for \$12.39. On Wednesday they sold 11 cookies, 4 brownies and 2 cakes. The cost in ingredients for each cookie is \$1.93, for each brownie is \$1.92 and for each cake is \$6.75. How much profit did they make on Wednesday?
- 3) Faye and 6 friends were going to the movies. Each ticket cost \$12 and then they bought 2 popcorns at \$6.25 a piece and then each person bought their own soda at \$2.5 each. How much money did they spend total for their trip to the movies?
- 4) A restaurant chef was ordering supplies. He ordered 6 pounds of beef at 10.53 per pound, 8 pounds of potatoes at \$8.22 a pound and 9 pounds of carrots at \$10.85 per pound. He estimates that this will make 30 meals. If he charges 33.33 per meal how much profit will he make?
- 5) At noon the temperature was 2° C. Over the next four hours the temperature dropped another 15 degrees. Then every hour until 7:00 the temperature rose 2 degrees. What was the temperature at 7:00?

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



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$$-500 + (5 \times 900) + (3 \times 200 \times -1)$$

- 2)** A deluxe bakery sells a cookie for \$3.02, a brownie for \$4.62 and a cake for \$12.39. On Wednesday they sold 11 cookies, 4 brownies and 2 cakes. The cost in ingredients for each cookie is \$1.93, for each brownie is \$1.92 and for each cake is \$6.75. How much profit did they make on Wednesday?

$$((11 \times 3.02) + (4 \times 4.62) + (2 \times 12.39)) - ((11 \times 1.93) + (4 \times 1.92) + (2 \times 6.75))$$

- 3)** Faye and 6 friends were going to the movies. Each ticket cost \$12 and then they bought 2 popcorns at \$6.25 a piece and then each person bought their own soda at \$2.5 each. How much money did they spend total for their trip to the movies?

$$(12 \times (6 + 1)) + (2 \times 6.25) + (2.5 \times (6 + 1))$$

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$$(30 \times 33.33) - ((6 \times 10.53) + (8 \times 8.22) + (9 \times 10.85))$$

- 5)** At noon the temperature was 2° C. Over the next four hours the temperature dropped another 15 degrees. Then every hour until 7:00 the temperature rose 2 degrees. What was the temperature at 7:00?

$$2 + (-1 \times 15) + ((7 - 4) \times 2)$$

AnswersEx. 52.731. 3,4002. 34.073. 1144. 773.315. -7