Solving with Mixed Operations (Word)

Name: _____

Solve each problem.

1) A deluxe bakery sells a cookie for $4.39, a brownie for $4.07 and a cake for $18.83. On Wednesday they sold 14 cookies, 8 brownies and 5 cakes. The cost in ingredients for each cookie is $1.55, for each brownie is $0.58 and for each cake is $4.17. How much profit did they make on Wednesday?

1. _____

2. _____

3. _____

4. _____

2) A restaurant chef was ordering supplies. He ordered 7 pounds of beef at $7.25 per pound, 5 pounds of potatoes at $9.90 a pound and 9 pounds of carrots at $9.13 per pound. He estimates that this will make 29 meals. If he charges $35.79 per meal how much profit will he make?

5. _____

3) George started the month with $190.87 in his bank account. Over the course of the month he got 2 paychecks. One for $232.64 and the other was for $279.98. He ended up spending $237.31 on food, $40.51 on gas and $118.67 and on car insurance. Then he decided to buy a new ipad which cost him $374.13. How much money was in George's account at the end of the month?

4) At noon the temperature was -4° C. Over the next 4 hours the temperature dropped another 10 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

5) A new pizza shop opened up and started out $5,027.10 in the hole. Their first month being open they sold 71 pizzas ($6.63 profit each) and 84 sodas ($2.63 profit each). Their bills for the first month were $1,149.24. How much money do they still need to make to break even?

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$((14×4.39)+(8×4.07)+(5×18.83))- ((14×1.55)+(8×0.58)+(5×4.17))$

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$(29×35.79)-((7×7.25)+(5×9.9)+(9×9.13))$

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$(190.87+232.64+279.98)-(237.31+40.51+118.67+374.13)$

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$-4+(-1×10)+((8-4)×3)$

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$(5027.1×-1)+((71×6.63)+(84×2.63))-(1149.24)$

Answers

1. **140.98**

2. **855.49**

3. **-67.13**

4. **-2**

5. **-5,484.69**

| 1-5 | 80 | 60 | 40 | 20 | 0 |