Solving	with	Mixed	Ope	rations	(Word	1)
DOLUME	** 1111	macu	Ope	lations	( '' OI'	*)

<u> </u>	Solving with Mixed Operations (Word) Name:	
Solv	ze each problem.	<u>Answers</u>
1)	At noon the temperature was 3° C. Over the next 5 hours the temperature dropped another 11 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?	1
		2
		3
		4
2)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.61, for each pound of aluminum they offered \$2.51 and for each pound of plastic they offered \$0.80. Edward took in 9 pounds of paper, 12 pounds of	5
	aluminum and 5 pounds of plastic. How much money did he earn?	
3)	A restaurant chef was ordering supplies. He ordered 7 pounds of beef at \$8.66 per pound, 8 pounds of potatoes at \$10.30 a pound and 7 pounds of carrots at \$6.56 per pound. He estimates that this will make 28 meals. If he charges \$31.90 per meal how much profit will he make?	
4)	At the state fair 8 employees were paid \$8.82 an hour. They worked for 9 hours at regular price and then for 5 hours at overtime price (an extra \$3.03 an hour). How much money did they make total?	
5)	A deluxe bakery sells a cookie for \$3.30, a brownie for \$3.22 and a cake for \$23.34. On Wednesday they sold 11 cookies, 4 brownies and 5 cakes. The cost in ingredients for each cookie is \$1.07, for each brownie is \$1.86 and for each cake is \$4.76. How much profit did they make on Wednesday?	

Math

Solving with Mixed Operations (Word)	Name:	A
e each problem.		
At noon the temperature was $3^{\circ}$ C. Over the next 5 hours the temperature dro 11 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What temperature at 4:00?	opped anot was the	her
$3+(-1\times 11)+((8-5)\times 3)$		

2) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.61, for each pound of aluminum they offered \$2.51 and for each pound of plastic they offered \$0.80. Edward took in 9 pounds of paper, 12 pounds of aluminum and 5 pounds of plastic. How much money did he earn?  $(1.61 \times 9) + (2.51 \times 12) + (0.8 \times 5)$ 

3) A restaurant chef was ordering supplies. He ordered 7 pounds of beef at \$8.66 per pound, 8 pounds of potatoes at \$10.30 a pound and 7 pounds of carrots at \$6.56 per pound. He estimates that this will make 28 meals. If he charges \$31.90 per meal how much profit will he make?

 $(28 \times 31.9) - ((7 \times 8.66) + (8 \times 10.3) + (7 \times 6.56))$ 

4) At the state fair 8 employees were paid \$8.82 an hour. They worked for 9 hours at regular price and then for 5 hours at overtime price (an extra \$3.03 an hour). How much money did they make total?

 $(8 \times 8.82 \times 9) + ((3.03 + 8.82) \times 5 \times 8)$ 

5) A deluxe bakery sells a cookie for \$3.30, a brownie for \$3.22 and a cake for \$23.34. On Wednesday they sold 11 cookies, 4 brownies and 5 cakes. The cost in ingredients for each cookie is \$1.07, for each brownie is \$1.86 and for each cake is \$4.76. How much profit did they make on Wednesday?

 $((11 \times 3.3) + (4 \times 3.22) + (5 \times 23.34)) - ((11 \times 1.07) + (4 \times 1.86) + (5 \times 4.76))$ 

1)

**Answer Key** 

Answers

48.61

704.26

1.109.0

122.87

5.