Solve each problem. Answers 1) A deluxe bakery sells a cookie for \$4.11, a brownie for \$2.60 and a cake for \$30.78. On Wednesday they sold 13 cookies, 8 brownies and 3 cakes. The cost in ingredients for each cookie is \$1.55, for each brownie is \$0.45 and for each cake is \$3.70. How much profit did they make on Wednesday? 2) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.86, for each pound of aluminum they offered \$1.41 and for each pound of plastic they offered \$0.55. George took in 14 pounds of paper, 6 pounds of aluminum and 9 pounds of plastic. How much money did he earn? 3) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$6.90 per pound, 5 pounds of potatoes at \$9.78 a pound and 7 pounds of carrots at \$6.44 per pound. He estimates that this will make 27 meals. If he charges \$41.11 per meal how much profit will he make? 4) A new pizza shop opened up and started out \$6,003.08 in the hole. Their first month being open they sold 62 pizzas (\$6.12 profit each) and 90 sodas (\$2.08 profit each). Their bills for the first month were \$1,772.87. How much money do they still need to make to break even? 5) At noon the temperature was -2° C. Over the next 5 hours the temperature dropped another 2 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?

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	Solving with Mixed Operations (Word) Name: An	SW	er Key
Solv	ve each problem.		<u>Answers</u>
1)	A deluxe bakery sells a cookie for \$4.11, a brownie for \$2.60 and a cake for \$30.78. On Wednesday they sold 13 cookies, 8 brownies and 3 cakes. The cost in ingredients for each	1	131.72
	cookie is \$1.55, for each brownie is \$0.45 and for each cake is \$3.70. How much profit did they make on Wednesday? $((13\times4.11)+(8\times2.6)+(3\times30.78))-((13\times1.55)+(8\times0.45)+(3\times3.7))$	2	39.45
		3	988.39
		4	-7,209.31
2)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.86, for each pound of aluminum they offered \$1.41 and for each pound of plastic they offered \$0.55. George took in 14 pounds of paper, 6 pounds of aluminum and 9 pounds of plastic. How much money did he earn?	5	5
	$(1.86 \times 14) + (1.41 \times 6) + (0.55 \times 9)$		
3)	A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$6.90 per pound, 5 pounds of potatoes at \$9.78 a pound and 7 pounds of carrots at \$6.44 per pound. He estimates that this will make 27 meals. If he charges \$41.11 per meal how much profit will he make? $(27 \times 41.11) - ((4 \times 6.9) + (5 \times 9.78) + (7 \times 6.44))$		
4)	A new pizza shop opened up and started out \$6,003.08 in the hole. Their first month being open they sold 62 pizzas (\$6.12 profit each) and 90 sodas (\$2.08 profit each). Their bills for the first month were $1,772.87$. How much money do they still need to make to break even? (6003.08×-1)+((62×6.12)+(90×2.08))-(1772.87)		
5)	At noon the temperature was -2° C. Over the next 5 hours the temperature dropped another 2 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00? $-2+(-1\times2)+((8-5)\times3)$		

Math

Solving v	vith Mixed	Operations	(Word)
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Sol	/e each problem.	Answers
1)	At the state fair 4 employees were paid \$7.09 an hour. They worked for 7 hours at regular price and then for 2 hours at overtime price (an extra \$5.67 an hour). How much money did they make total?	1. 2. 3.
2)	Jerry started the month with \$172.43 in his bank account. Over the course of the month he got 2 paychecks. One for \$283.32 and the other was for \$271.91. He ended up spending \$261.28 on food, \$46.63 on gas and \$113.40 and on car insurance. Then he decided to buy a new ipad which cost him \$304.63. How much money was in Jerry's account at the end of the month?	4 5
3)	Maria and 3 friends were going to the movies. Each ticket cost \$10.00 and then they bought 2 popcorns at \$6.50 a piece and then each person bought their own soda at \$1.00 each. How much money did they spend total for their trip to the movies?	
4)	At noon the temperature was -2° C. Over the next 4 hours the temperature dropped another 13 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?	
5)	Amy 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 -800 points. During the round she answered 3 800 point questions correct and she answered 6 500 points questions incorrect. What was her score at the end of the round?	

Solving with Mixed Operations (Word) **Answer Key** Name: Solve each problem. Answers 1) At the state fair 4 employees were paid \$7.09 an hour. They worked for 7 hours at regular 300.6 price and then for 2 hours at overtime price (an extra \$5.67 an hour). How much money did 1. they make total? $(4 \times 7.09 \times 7) + ((5.67 + 7.09) \times 2 \times 4)$ 1.720000000000000 2) Jerry started the month with \$172.43 in his bank account. Over the course of the month he -1.400got 2 paychecks. One for \$283.32 and the other was for \$271.91. He ended up spending 5. \$261.28 on food, \$46.63 on gas and \$113.40 and on car insurance. Then he decided to buy a new ipad which cost him \$304.63. How much money was in Jerry's account at the end of the month? (172.43+283.32+271.91) - (261.28+46.63+113.4+304.63)3) Maria and 3 friends were going to the movies. Each ticket cost \$10.00 and then they bought 2 popcorns at \$6.50 a piece and then each person bought their own soda at \$1.00 each. How much money did they spend total for their trip to the movies? $(10 \times (3+1)) + (2 \times 6.5) + (1 \times (3+1))$ 4) At noon the temperature was -2° C. Over the next 4 hours the temperature dropped another 13 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00? $-2+(-1\times13)+((9-4)\times3)$ 5) Amy 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 -800 points. During the round she answered 3 800 point questions correct and she answered 6 500 points questions incorrect. What was her score at the end of the round? $-800+(3\times800)+(6\times500\times-1)$

Solving with	n Mixed	Operations	(Word)
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	Solving with Mixed Operations (Word) Name:	
Solv	ze each problem.	Answers
1)	A new pizza shop opened up and started out \$5,905.55 in the hole. Their first month being open they sold 73 pizzas (\$6.62 profit each) and 83 sodas (\$1.41 profit each). Their bills for the first month were \$1,815.13. How much money do they still need to make to break even?	1. 2.
		3
2)	Olivia 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 -800 points. During the round she answered 9 300 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round?	5.
3)	A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$10.48 per pound, 7 pounds of potatoes at \$7.23 a pound and 8 pounds of carrots at \$10.06 per pound. He estimates that this will make 22 meals. If he charges \$41.76 per meal how much profit will he make?	
4)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.94, for each pound of aluminum they offered \$2.58 and for each pound of plastic they offered \$0.62. Frank took in 5 pounds of paper, 10 pounds of aluminum and 7 pounds of plastic. How much money did he earn?	
5)	Amy and 3 friends were going to the movies. Each ticket cost \$14.00 and then they bought 2 popcorns at \$5.75 a piece and then each person bought their own soda at \$3.00 each. How much money did they spend total for their trip to the movies?	

Answer Key Name: Solve each problem. Answers 1) A new pizza shop opened up and started out \$5,905.55 in the hole. Their first month being -7.120.39 open they sold 73 pizzas (\$6.62 profit each) and 83 sodas (\$1.41 profit each). Their bills 1. for the first month were \$1,815.13. How much money do they still need to make to break even? $(5905.55 \times -1) + ((73 \times 6.62) + (83 \times 1.41)) - (1815.13)$ 745.7 2) Olivia was playing a trivia game where you gained points for correct answers and lost 79.5 points for incorrect answers. At the start of round 3 she was at -800 points. During the round she answered 9 300 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round? $-800+(9\times300)+(5\times800\times-1)$ 3) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$10.48 per pound, 7 pounds of potatoes at \$7.23 a pound and 8 pounds of carrots at \$10.06 per pound. He estimates that this will make 22 meals. If he charges \$41.76 per meal how much profit will he make? $(22 \times 41.76) - ((4 \times 10.48) + (7 \times 7.23) + (8 \times 10.06))$ 4) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.94, for each pound of aluminum they offered \$2.58 and for each pound of plastic they offered \$0.62. Frank took in 5 pounds of paper, 10 pounds of aluminum and 7 pounds of plastic. How much money did he earn? $(1.94 \times 5) + (2.58 \times 10) + (0.62 \times 7)$ 5) Amy and 3 friends were going to the movies. Each ticket cost \$14.00 and then they bought 2 popcorns at \$5.75 a piece and then each person bought their own soda at \$3.00 each. How much money did they spend total for their trip to the movies? $(14 \times (3+1)) + (2 \times 5.75) + (3 \times (3+1))$

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Solve each problem. Answers 1) Kaleb started the month with \$172.51 in his bank account. Over the course of the month he got 2 paychecks. One for \$201.80 and the other was for \$276.78. He ended up spending \$277.61 on food, \$47.02 on gas and \$102.87 and on car insurance. Then he decided to buy a new ipad which cost him \$326.58. How much money was in Kaleb's account at the end of the month? 2) A new pizza shop opened up and started out \$6,057.71 in the hole. Their first month being open they sold 56 pizzas (\$6.34 profit each) and 100 sodas (\$1.48 profit each). Their bills for the first month were \$1,341.44. How much money do they still need to make to break even? 3) A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$9.79 per pound, 6 pounds of potatoes at \$6.31 a pound and 4 pounds of carrots at \$10.19 per pound. He estimates that this will make 24 meals. If he charges \$44.89 per meal how much profit will he make? 4) Debby 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 -600 points. During the round she answered 4 800 point questions correct and she answered 9 800 points questions incorrect. What was her score at the end of the round? 5) A deluxe bakery sells a cookie for \$3.24, a brownie for \$4.35 and a cake for \$21.60. On Wednesday they sold 13 cookies, 9 brownies and 4 cakes. The cost in ingredients for each cookie is \$0.77, for each brownie is \$1.27 and for each cake is \$8.57. How much profit did they make on Wednesday?

Math

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	Solving with Mixed Operations (Word) Name: An	SW	er Key
Solv	ze each problem.		<u>Answers</u>
1)	Kaleb started the month with \$172.51 in his bank account. Over the course of the month he got 2 paychecks. One for \$201.80 and the other was for \$276.78. He ended up spending	h he g 1	-102.99
	\$277.61 on food, \$47.02 on gas and \$102.87 and on car insurance. Then he decided to buy a new ipad which cost him \$326.58. How much money was in Kaleb's account at the end of the month?	2.	-6,896.11
	(172.51+201.8+276.78)-(277.61+47.02+102.87+326.58)	3.	959.58
		4	-4,600
2)	A new pizza shop opened up and started out \$6,057.71 in the hole. Their first month being open they sold 56 pizzas (\$6.34 profit each) and 100 sodas (\$1.48 profit each). Their bills for the first month were \$1,341.44. How much money do they still need to make to break even?	5. <u>-</u>	111.95
	(6057.71×-1)+((56×6.34)+(100×1.48))-(1341.44)		
3)	A restaurant chef was ordering supplies. He ordered 4 pounds of beef at \$9.79 per pound, 6 pounds of potatoes at \$6.31 a pound and 4 pounds of carrots at \$10.19 per pound. He estimates that this will make 24 meals. If he charges \$44.89 per meal how much profit will he make? $(24 \times 44.89) - ((4 \times 9.79) + (6 \times 6.31) + (4 \times 10.19))$		
4)	Debby 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 -600 points. During the round she answered 4 800 point questions correct and she answered 9 800 points questions incorrect. What was her score at the end of the round? - $600+(4\times800)+(9\times800\times-1)$		
5)	A deluxe bakery sells a cookie for \$3.24, a brownie for \$4.35 and a cake for \$21.60. On Wednesday they sold 13 cookies, 9 brownies and 4 cakes. The cost in ingredients for each cookie is \$0.77, for each brownie is \$1.27 and for each cake is \$8.57. How much profit did they make on Wednesday? ($(13 \times 3.24) + (9 \times 4.35) + (4 \times 21.6)$)- ($(13 \times 0.77) + (9 \times 1.27) + (4 \times 8.57)$)		

Math

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Solve each problem. Answers 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? 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? 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? 1-5 80 60 40 205

Colving with Mixed Operations	Word	`
Solving with Mixed Operations (woru)

Name: **Answer Key**

Solve each problem. Answers 1) A deluxe bakery sells a cookie for \$4.39, a brownie for \$4.07 and a cake for \$18.83. On 140.98 Wednesday they sold 14 cookies, 8 brownies and 5 cakes. The cost in ingredients for each 1. 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? 855.49 $((14 \times 4.39) + (8 \times 4.07) + (5 \times 18.83)) - ((14 \times 1.55) + (8 \times 0.58) + (5 \times 4.17))$ 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? $(29 \times 35.79) - ((7 \times 7.25) + (5 \times 9.9) + (9 \times 9.13))$ 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? (190.87+232.64+279.98) - (237.31+40.51+118.67+374.13)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? $-4+(-1\times10)+((8-4)\times3)$ 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? $(5027.1 \times -1) + ((71 \times 6.63) + (84 \times 2.63)) - (1149.24)$

Solving with Mixed Operations	(Word)
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Name:

Solv	ve each problem.	Answers
1)	A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$8.80 per pound, 6 pounds of potatoes at \$7.09 a pound and 5 pounds of carrots at \$7.19 per pound. He estimates that this will make 28 meals. If he charges \$34.97 per meal how much profit will he make?	1. 2. 3. 4.
2)	A deluxe bakery sells a cookie for \$3.41, a brownie for \$4.88 and a cake for \$19.71. On Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is \$1.46, for each brownie is \$0.16 and for each cake is \$8.23. How much profit did they make on Wednesday?	5
3)	At noon the temperature was -4° C. Over the next 2 hours the temperature dropped another 14 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?	
4)	Maria 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 -100 points. During the round she answered 5 500 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round?	
5)	At the state fair 8 employees were paid \$9.04 an hour. They worked for 10 hours at regular price and then for 4 hours at overtime price (an extra \$3.21 an hour). How much money did they make total?	

Solving with Mixe	ed Operations (Word)	

Answer Key Name: Solve each problem. Answers 1) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$8.80 per pound, 6 856.67 pounds of potatoes at \$7.09 a pound and 5 pounds of carrots at \$7.19 per pound. He 1. estimates that this will make 28 meals. If he charges \$34.97 per meal how much profit will he make? $(28 \times 34.97) - ((5 \times 8.8) + (6 \times 7.09) + (5 \times 7.19))$ 2) A deluxe bakery sells a cookie for \$3.41, a brownie for \$4.88 and a cake for \$19.71. On 1.115.2 Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each 5. cookie is \$1.46, for each brownie is \$0.16 and for each cake is \$8.23. How much profit did they make on Wednesday? $((15 \times 3.41) + (6 \times 4.88) + (3 \times 19.71)) - ((15 \times 1.46) + (6 \times 0.16) + (3 \times 8.23))$ 3) At noon the temperature was -4° C. Over the next 2 hours the temperature dropped another 14 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00? $-4+(-1\times 14)+((5-2)\times 2)$ 4) Maria 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 -100 points. During the round she answered 5 500 point questions correct and she answered 5 800 points questions incorrect. What was her score at the end of the round? $-100+(5\times500)+(5\times800\times-1)$ 5) At the state fair 8 employees were paid \$9.04 an hour. They worked for 10 hours at regular price and then for 4 hours at overtime price (an extra \$3.21 an hour). How much money did they make total? $(8 \times 9.04 \times 10) + ((3.21 + 9.04) \times 4 \times 8)$

	Solving with Mixed Operations (Word) Name:	
Solv	ve each problem.	<u>Answers</u>
1)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.94, for each pound of aluminum they offered \$1.33 and for each pound of plastic they offered \$0.52. Henry took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn?	1. 2. 3.
2)	A deluxe bakery sells a cookie for \$2.55, a brownie for \$2.74 and a cake for \$19.33. On Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is \$1.52, for each brownie is \$1.40 and for each cake is \$6.23. How much profit did they make on Wednesday?	4 5
3)	Bianca 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 -600 points. During the round she answered 2 700 point questions correct and she answered 6 200 points questions incorrect. What was her score at the end of the round?	
4)	Kaleb started the month with \$183.66 in his bank account. Over the course of the month he got 2 paychecks. One for \$227.79 and the other was for \$247.07. He ended up spending \$297.84 on food, \$47.04 on gas and \$110.28 and on car insurance. Then he decided to buy a new ipad which cost him \$497.33. How much money was in Kaleb's account at the end of the month?	

5) A restaurant chef was ordering supplies. He ordered 9 pounds of beef at \$7.08 per pound, 5 pounds of potatoes at \$10.93 a pound and 5 pounds of carrots at \$9.31 per pound. He estimates that this will make 27 meals. If he charges \$37.76 per meal how much profit will he make?

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Solv	Solving with Mixed Operations (word) Name: A	lisw I	A newore
1)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.94, for each pound of aluminum they offered \$1.33 and for	1.	<u>45.21</u>
	each pound of plastic they offered \$0.52. Henry took in 9 pounds of paper, 15 pounds of aluminum and 15 pounds of plastic. How much money did he earn? $(1.94\times9) + (1.33\times15) + (0.52\times15)$		62.79
		3.	-400
		4.	-293.97
2)	A deluxe bakery sells a cookie for \$2.55, a brownie for \$2.74 and a cake for \$19.33. On Wednesday they sold 15 cookies, 6 brownies and 3 cakes. The cost in ingredients for each cookie is \$1.52, for each brownie is \$1.40 and for each cake is \$6.23. How much profit did they make on Wednesday?	5.	854.6
	$((15 \times 2.55) + (6 \times 2.74) + (3 \times 19.33)) - ((15 \times 1.52) + (6 \times 1.4) + (3 \times 6.23))$		
3)	Bianca 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 -600 points. During the round she answered 2 700 point questions correct and she answered 6 200 points questions incorrect. What was her score at the end of the round? - $600+(2\times700)+(6\times200\times-1)$	5	
4)	Kaleb started the month with \$183.66 in his bank account. Over the course of the month he got 2 paychecks. One for \$227.79 and the other was for \$247.07. He ended up spending \$297.84 on food, \$47.04 on gas and \$110.28 and on car insurance. Then he decided to buy a new ipad which cost him \$497.33. How much money was in Kaleb's account at the end of the month? $(183.66+227.79+247.07)-(297.84+47.04+110.28+497.33)$	of	
5)	A restaurant chef was ordering supplies. He ordered 9 pounds of beef at \$7.08 per pound, 5 pounds of potatoes at \$10.93 a pound and 5 pounds of carrots at \$9.31 per pound. He estimates that this will make 27 meals. If he charges 37.76 per meal how much profit will he make? (27×37.76)-((9×7.08)+(5×10.93)+(5×9.31))	5	

Math

Solving with	Mixed O	perations	(Word)
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ze each problem.		<u>Answers</u>
A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$10.21 per pound, 7 pounds of potatoes at \$6.29 a pound and 4 pounds of carrots at \$10.79 per pound. He estimates that this will make 26 meals. If he charges \$43.99 per meal how much profit will he make?	1 2	
	3	
Rachel 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 -800 points. During the round she answered 9 300 point questions correct and she answered 3 300 points questions incorrect. What was her score at the end of the round?	4. – 5. –	
At the state fair 8 employees were paid \$6.86 an hour. They worked for 7 hours at regular price and then for 5 hours at overtime price (an extra \$5.98 an hour). How much money did they make total?		
At noon the temperature was -2° C. Over the next 3 hours the temperature dropped another 7 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?		
Mike started the month with \$103.23 in his bank account. Over the course of the month he got 2 paychecks. One for \$222.41 and the other was for \$289.98. He ended up spending \$242.71 on food, \$45.31 on gas and \$100.01 and on car insurance. Then he decided to buy a new ipad which cost him \$321.95. How much money was in Mike's account at the end of the month?		
	 a cetch problem. A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$10.21 per pound. If pounds of potatoes at \$6.29 a pound and 4 pounds of carrots at \$10.79 per pound. He estimates that this will make 26 meals. If he charges \$43.99 per meal how much profit will he make? Rachel 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 -800 points. During the round she answered 9 300 point questions correct and she answered 3 300 points questions incorrect. What was her score at the end of the round? At the state fair 8 employees were paid \$6.86 an hour. They worked for 7 hours at regular price and then for 5 hours at overtime price (an extra \$5.98 an hour). How much money did they make total? At noon the temperature was -2° C. Over the next 3 hours the temperature dropped another 7 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00? Mike started the month with \$103.23 in his bank account. Over the course of the month he got 2 paychecks. One for \$222.41 and the other was for \$289.98. He ended up spending \$242.71 on food, \$45.31 on gas and \$100.01 and on car insurance. Then he decided to buy a new ipad which cost him \$321.95. How much money was in Mike's account at the end of the month? 	re each problem. A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$10.21 per pound, 1 ? pounds of potatoes at \$6.29 a pound and 4 pounds of carrots at \$10.79 per pound. He estimates that this will make 26 meals. If he charges \$43.99 per meal how much profit will he make? 2. Rachel 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 -800 points. During the round she answered 9 300 point questions correct and she answered 3 300 points questions incorrect. What was her score at the end of the round? At the state fair 8 employees were paid \$6.86 an hour. They worked for 7 hours at regular price and then for 5 hours at overtime price (an extra \$5.98 an hour). How much money did they make total? At noon the temperature was -2° C. Over the next 3 hours the temperature dropped another 7 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00? Mike started the month with \$103.23 in his bank account. Over the course of the month he gor 2 paychecks. One for \$22.2.41 and the other was for \$289.98. He ended up spending \$242.71 on food, \$45.31 on gas and \$100.01 and on car insurance. Then he decided to buy a new ipad which cost him \$321.95. How much money was in Mike's account at the end of the month?

Solving w	vith Mixed	Operations	(Word)
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Name: **Answer Key**

Answers

995.29

1.000

897.76

-94.36

- Solve each problem.
 1) A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$10.21 per pound, 7 pounds of potatoes at \$6.29 a pound and 4 pounds of carrots at \$10.79 per pound. He estimates that this will make 26 meals. If he charges \$43.99 per meal how much profit will he make? (26×43.99)-((6×10.21)+(7×6.29)+(4×10.79))
- 2) Rachel 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 -800 points. During the round she answered 9 300 point questions correct and she answered 3 300 points questions incorrect. What was her score at the end of the round?
 -800+(9×300)+(3×300×-1)
- **3)** At the state fair 8 employees were paid \$6.86 an hour. They worked for 7 hours at regular price and then for 5 hours at overtime price (an extra \$5.98 an hour). How much money did they make total?

 $(8 \times 6.86 \times 7) + ((5.98 + 6.86) \times 5 \times 8)$

- 4) At noon the temperature was -2° C. Over the next 3 hours the temperature dropped another 7 degrees. Then every hour until 4:00 the temperature rose 2 degrees. What was the temperature at 4:00?
 -2+(-1×7)+((8-3)×2)
- 5) Mike started the month with \$103.23 in his bank account. Over the course of the month he got 2 paychecks. One for \$222.41 and the other was for \$289.98. He ended up spending \$242.71 on food, \$45.31 on gas and \$100.01 and on car insurance. Then he decided to buy a new ipad which cost him \$321.95. How much money was in Mike's account at the end of the month?

(103.23+222.41+289.98)-(242.71+45.31+100.01+321.95)

	Solving with Mixed Operations (Word) Name:	
Solv 1)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.93, for each pound of aluminum they offered \$2.24 and for each pound of plastic they offered \$0.37. Dave took in 11 pounds of paper, 5 pounds of aluminum and 10 pounds of plastic. How much money did he earn?	<u>Answers</u> 1 2
2)	At the state fair 8 employees were paid \$7.90 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra \$2.32 an hour). How much money did they make total?	3. 4. 5.
3)	Jerry started the month with \$190.74 in his bank account. Over the course of the month he got 2 paychecks. One for \$255.86 and the other was for \$300.50. He ended up spending \$204.96 on food, \$50.78 on gas and \$114.03 and on car insurance. Then he decided to buy a new ipad which cost him \$401.66. How much money was in Jerry's account at the end of the month?	
4)	A new pizza shop opened up and started out \$6,430.59 in the hole. Their first month being open they sold 64 pizzas (\$6.94 profit each) and 92 sodas (\$2.33 profit each). Their bills for the first month were \$1,962.86. How much money do they still need to make to break even?	
5)	At noon the temperature was 5° C. Over the next 2 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?	

	Solving with Mixed Operations (Word) Name: A	nswer Kev
Solv	ve each problem.	Answers
1)	A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.93, for each pound of aluminum they offered \$2.24 and for each pound of plastic they offered \$0.37. Dave took in 11 pounds of paper, 5 pounds of aluminum and 10 pounds of plastic. How much money did he earn? $(1.93 \times 11) + (2.24 \times 5) + (0.37 \times 10)$	1. 36.13 2. 877.28 3 -24.33
2)	At the state fair 8 employees were paid \$7.90 an hour. They worked for 10 hours at regular price and then for 3 hours at overtime price (an extra \$2.32 an hour). How much money did they make total? $(8 \times 7.9 \times 10) + ((2.32+7.9) \times 3 \times 8)$	4. <u>-7,734.93</u> 5. <u>4</u>
3)	Jerry started the month with \$190.74 in his bank account. Over the course of the month he got 2 paychecks. One for \$255.86 and the other was for \$300.50. He ended up spending \$204.96 on food, \$50.78 on gas and \$114.03 and on car insurance. Then he decided to buy a new ipad which cost him \$401.66. How much money was in Jerry's account at the end of the month? (190.74+255.86+300.5)-(204.96+50.78+114.03+401.66)	
4)	A new pizza shop opened up and started out \$6,430.59 in the hole. Their first month being open they sold 64 pizzas (\$6.94 profit each) and 92 sodas (\$2.33 profit each). Their bills for the first month were $1,962.86$. How much money do they still need to make to break even? (6430.59×-1)+((64×6.94)+(92×2.33))-(1962.86)	
5)	At noon the temperature was 5° C. Over the next 2 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? $5+(-1\times10)+((5-2)\times3)$	

	Solving with Mixed Operations (Word) Name:	-
Solv	ve each problem.	<u>Answers</u>
1)	Faye and 4 friends were going to the movies. Each ticket cost \$12.00 and then they bought 2 popcorns at \$5.00 a piece and then each person bought their own soda at \$3.25 each.	1
	How much money did they spend total for their trip to the movies?	2
		3
		4
2)	At the state fair 5 employees were paid \$6.60 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra \$4.90 an hour). How much money did they make total?	5
3)	A deluxe bakery sells a cookie for \$4.33, a brownie for \$4.11 and a cake for \$23.58. On Wednesday they sold 13 cookies, 7 brownies and 3 cakes. The cost in ingredients for each cookie is \$0.28, for each brownie is \$0.30 and for each cake is \$4.12. How much profit did they make on Wednesday?	
4)	At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 3 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00?	
5)	A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$7.48 per pound, 8 pounds of potatoes at \$9.66 a pound and 5 pounds of carrots at \$7.47 per pound. He estimates that this will make 21 meals. If he charges \$39.39 per meal how much profit will be make?	
	ne mane .	

	Solving with Mixed Operations (Word) Name: A	nswer Kev
Solv	ve each problem.	Answers
1)	Faye and 4 friends were going to the movies. Each ticket cost \$12.00 and then they bought 2 popcorns at \$5.00 a piece and then each person bought their own soda at \$3.25 each. How much money did they spend total for their trip to the movies? $(12\times(4+1)) + (2\times5) + (3.25\times(4+1))$	1. <u>86.25</u> 2. <u>485.5</u>
		127.7
		3
		4
2)	At the state fair 5 employees were paid \$6.60 an hour. They worked for 6 hours at regular price and then for 5 hours at overtime price (an extra \$4.90 an hour). How much money did they make total? ($5 \times 6.6 \times 6$)+(($4.9 + 6.6$) $\times 5 \times 5$)	5. 667.68
3)	A deluxe bakery sells a cookie for \$4.33, a brownie for \$4.11 and a cake for \$23.58. On Wednesday they sold 13 cookies, 7 brownies and 3 cakes. The cost in ingredients for each cookie is \$0.28, for each brownie is \$0.30 and for each cake is \$4.12. How much profit did they make on Wednesday? ($(13 \times 4.33) + (7 \times 4.11) + (3 \times 23.58)$)- ($(13 \times 0.28) + (7 \times 0.3) + (3 \times 4.12)$)	
4)	At noon the temperature was 1° C. Over the next 4 hours the temperature dropped another 3 degrees. Then every hour until 4:00 the temperature rose 3 degrees. What was the temperature at 4:00? $1+(-1\times3)+((6-4)\times3)$	
5)	A restaurant chef was ordering supplies. He ordered 6 pounds of beef at \$7.48 per pound, 8 pounds of potatoes at \$9.66 a pound and 5 pounds of carrots at \$7.47 per pound. He estimates that this will make 21 meals. If he charges \$39.39 per meal how much profit will he make? $(21 \times 39.39) - ((6 \times 7.48) + (8 \times 9.66) + (5 \times 7.47))$	