Solving with Mixed Operations (Word)
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Solve each problem. Answers 1) A new pizza shop opened up and started out \$6,373.19 in the hole. Their first month being open they sold 69 pizzas (\$6.45 profit each) and 99 sodas (\$1.24 profit each). Their bills for the first month were \$1,020.03. How much money do they still need to make to break even? 2) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$6.96 per pound, 8 pounds of potatoes at \$9.14 a pound and 4 pounds of carrots at \$10.73 per pound. He estimates that this will make 28 meals. If he charges \$33.23 per meal how much profit will he make? 3) Luke started the month with \$132.46 in his bank account. Over the course of the month he got 2 paychecks. One for \$236.90 and the other was for \$208.35. He ended up spending \$262.42 on food, \$44.67 on gas and \$115.33 and on car insurance. Then he decided to buy a new ipad which cost him \$330.50. How much money was in Luke's account at the end of the month? 4) Sarah 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 -400 points. During the round she answered 3 400 point questions correct and she answered 2 700 points questions incorrect. What was her score at the end of the round? 5) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.18, for each pound of aluminum they offered \$1.59 and for each pound of plastic they offered \$0.80. Adam took in 8 pounds of paper, 9 pounds of aluminum and 8 pounds of plastic. How much money did he earn? 80 60 40 20 Math www.CommonCoreSheets.com

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Name: **Answer Key**

Solve each problem. Answers 1) A new pizza shop opened up and started out \$6,373.19 in the hole. Their first month being -6.825.4 open they sold 69 pizzas (\$6.45 profit each) and 99 sodas (\$1.24 profit each). Their bills 1. for the first month were \$1,020.03. How much money do they still need to make to break even? $(6373.19 \times -1) + ((69 \times 6.45) + (99 \times 1.24)) - (1020.03)$ 2) A restaurant chef was ordering supplies. He ordered 5 pounds of beef at \$6.96 per pound, 8 30.15 pounds of potatoes at \$9.14 a pound and 4 pounds of carrots at \$10.73 per pound. He 5. estimates that this will make 28 meals. If he charges \$33.23 per meal how much profit will he make? $(28 \times 33.23) - ((5 \times 6.96) + (8 \times 9.14) + (4 \times 10.73))$ 3) Luke started the month with \$132.46 in his bank account. Over the course of the month he got 2 paychecks. One for \$236.90 and the other was for \$208.35. He ended up spending \$262.42 on food, \$44.67 on gas and \$115.33 and on car insurance. Then he decided to buy a new ipad which cost him \$330.50. How much money was in Luke's account at the end of the month? (132.46+236.9+208.35) - (262.42+44.67+115.33+330.5)4) Sarah 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 -400 points. During the round she answered 3 400 point questions correct and she answered 2 700 points questions incorrect. What was her score at the end of the round? $-400+(3\times400)+(2\times700\times-1)$ 5) A recycling center was offering cash for different types of recyclables. For each pound of paper recycled they offered \$1.18, for each pound of aluminum they offered \$1.59 and for each pound of plastic they offered \$0.80. Adam took in 8 pounds of paper, 9 pounds of aluminum and 8 pounds of plastic. How much money did he earn? $(1.18 \times 8) + (1.59 \times 9) + (0.8 \times 8)$

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