NAME: _____   Date: _____

You have been given the opportunity to plan and coordinate the food for a 6th grade party. The class has 228 students. The majority of 6th graders wanted the food shown in the table below from the Deli Joint. Answer the following questions as you plan the budget for food.

DELI Options	Price
Pasta Salad	$ 2.86 per pound
Potato Salad	$ 3.49 per pound
Roast Beef Sandwich Meal	$ 4.47
Chicken Sandwich Meal	$ 4.29
Salami Sandwich Meal	$ 4.18
Chips (1 bag)	$ 0.95
Individual Fruit Salad cups	$ 1.14

1. Use the deli price list from above to determine the cost of a chicken sandwich for all students.

2. Determine how much more it would cost to order a fruit salad for each student instead of chips.

3. $\frac{1}{3}$ of the students want roast beef.

   a. How many roast beef meals do you need?

   b. There are 8 slices in a pound of roast beef. Each sandwich gets 2 slices. How many pounds of roast beef do you need?

4. You have been told that there is only $1,468.75 available. Can you choose the roast beef meal for every student and stay within the budget? If not, how much money would you need?

5. Decide how much money would be left to spend on the other meals (chicken and salami) knowing that you need 76 roast beef meals.

6. The principal used $22.17 of the budget on pasta salad. How many pounds of pasta salad did he buy?

7. Your budget for the class party is started below in the table. Complete the budget by filling
    in the table.

Class Party Budget			
ITEM	Number of Items/Packages	Cost	Total Cost
Roast Beef Meal	76	$ 4.47	
Chicken Meal		$ 4.29	$ 510.51
Salami Meal		$ 4.18	$ 137.94
Side of Chips	228	$ 0.95	
Side of Fruit Salad		$ 1.14	$ 259.92
Potato Salad	$3\frac{1}{2}$ pounds		
Pasta Salad			$ 22.17
Total Cost			

Deli Dilemma   6.NS.3
Summative

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Salami Sandwich Meal	$ 4.18
Chips (1 bag)	$ 0.95
Individual Fruit Salad cups	$ 1.14

1. Use the deli price list from above to determine the cost of a chicken sandwich for all students.

    228 * 4.29 = 978.12   For each person to have a chicken sandwich it would cost $978.12

2. Determine how much more it would cost to order a fruit salad for each student instead of chips.

    1.14 – .95 = .19

    .19 * 228 = 43.32   It would cost $43.32 more for each person to have fruit salad instead of chips.

3. $\frac{1}{3}$ of the students want roast beef.
    a. How many roast beef meals do you need?   76 meals

    b. There are 8 slices in a pound of roast beef. Each sandwich gets 2 slices. How many pounds of
        roast beef do you need?

4. You have been told that there is only $1,468.75 available. Can you choose the roast beef meal and
    stay within the budget? If not how much money would you need?

    .95 * 228 = 216.6   No, I can order the Roast Beef meal.

    1.14*228 = 259.92   1495.68

    4.47 * 228 = 1019.16   - 1468.75

    Total   = 1495.68   26.93 Over budget

5. Decide how much money there is to spend on the other meals (chicken and salami) knowing that you need 76 roast beef meals.

   76 * 4.47 = 339.72   Chips and Fruit Total – 476.52   339.72 + 476.52 = 816.24

   1468.75 – 816.24 = 652.51   There would be $651.51 to spend on chicken and salami meal.

6. The principal spent $198.36 on water bottles for each student. How much did he spend for each bottle?

   198.36/ 228 = .87

7. Your budget for the class party is started below in the table. Complete the budget by filling in the table.

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Chicken Meal		$ 4.29	$ 510.51
Salami Meal		$ 4.18	$ 137.94
Side of Chips	228	$ 0.95	
Side of Fruit Salad		$ 1.14	$ 259.92
Potato Salad	$3\frac{1}{2}$ pounds		
Pasta Salad	$7\frac{3}{4}$ pounds		
Total Cost			