

# Video Game

You have saved \$52 and want to buy the Wii game Super Mario Galaxy. How much is the game? Since you live in XXXXXXXXXX, there is sales tax on games. State Sales tax is 2.9%. RTA is 1%. County sales tax is 1%. City sales tax is 2.5%.

What is the total sales tax?

What is the price of the game including sales tax?

Do you have enough to buy the game? If so how much change will you get? If not how much more do you need to save?

## Breakfast – How much Sugar?

Find a box of Froot Loops and a box of Cheerios. Look at the nutrition facts on the side of the box. Fill in the following table.

	<b>Serving Size</b>	<b>Sugars – grams per serving</b>
Cheerios		
Froot Loops		

1 gram of sugar equals about  $\frac{1}{4}$  of a teaspoon. How many teaspoons of sugar are there in:

1 serving of Cheerios?

1 serving of Froot loops?

## Is Bigger Better?

Some groceries are packaged in different sized containers. You can find out which is a better deal by calculating the price per ounce.

Find the price for an 8.9 ounce and an 18 ounce box of Cheerios.

<b>Cheerios</b>	<b>Price per box</b>	<b>Price per ounce</b>
8.9 ounce		
18 ounce		

Which is the better way to buy Cheerios?

## Generic vs. Brand Name

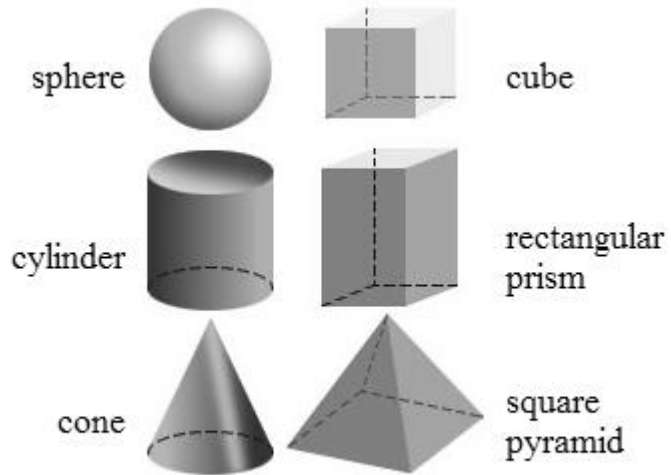
Sometimes buying generic labeled groceries can save money. Compare 8 ounce cans of Hunts tomato sauce, Contadina tomato sauce and Great Value (WalMart generic brand) tomato sauce.

	Price per can
Hunts	
Contadina	
Great Value	

Compare the ingredients of the two cans. Are there any differences? If so what are they?

# Geometric Solid Figures

Find examples of the following geometric shapes.



**Sphere:**

**Cube:**

**Cylinder:**

**Rectangular Prism:**

**Cone:**

**Square Pyramid:**

## Fruits and Vegetables

1. Weigh a bunch of 6 bananas. How much do they weigh? How much would it cost to buy that bunch of bananas?
2. Some fruits and vegetables are labeled with their place of origin. List as many different types of produce and where they came from as you can in 5 minutes.
3. This assignment is especially for Kindergarten through 2<sup>nd</sup> grade. Try to find a fruit or vegetable for each color in the rainbow. List them. (For our purposes the colors are: red, orange, yellow, green, blue and violet.)

## Get Fresh

Dairy products are typically stamped with an expiration or best by date. Look at the milk and see what the freshest date you can find. (hint – the freshest items will have dates furthest away from today.) List the date.

Was the freshest container of milk at the front or at the back of the refrigerator?

# Snacks

Before you look at the nutrition facts for the following snacks, have each person in your group guess which one will have the highest fat content per serving. Write it down, then see if anyone was correct after filling out the table below.

Look at the nutrition facts on the following products. Record the serving size (weight & quantity), total fat, saturated fat and sodium content of each.

<b>Snack</b>	<b>Serving Size weight &amp; quantity</b>	<b>Total Fat in grams</b>	<b>Saturated Fat in grams</b>	<b>Sodium in mg</b>
Ruffles Original Potato Chips				
Original Sun Chips				
Reduced Fat Wheat Thins				
Hostess Twinkies				
Little Debbie Blueberry Muffins				



## Drinks

When reading the ingredients of a product the items first in the list are those with the greatest quantity. The items at the end of the list are those that have the smallest amount. Frequently moms will check to see if sugar is near the top of the list. Did you know sugar comes in many forms? Look at the following drinks and snacks and list all the different forms of sugar included in the ingredients then list the grams of sugar per serving – remember 1 gram equals about  $\frac{1}{4}$  teaspoon. Convert the total sugar to teaspoons.

Other ingredients that are types of sugar – sugar, sucrose, fructose, high fructose corn syrup, corn syrup, maple syrup, molasses, dextrose, turbinado, amazake, sorbitol

Drink	Types of Sugar	Grams per serving	Teaspoons
Sprite			
Capri Sun			
V-8 Splash (List Flavor Here)			
Gatorade			
100% Apple Juice			

## Around the Pizza We Go

1. Measure the diameter of a Tombstone Original Extra Cheese. List it here.
2. What is the radius of the pizza?
3. Calculate the circumference of the pizza.
4. If you eat one serving of the pizza (see serving size on packaging) what fraction of the pizza will you eat?

## The Great Muslin Caper

You need  $5\frac{1}{2}$  yards of Unbleached Muslin to make a backdrop for a play. Find the bolt with a label that says "Unbleached Super Muslin Permanent Press Preshrunk 2-3%."

1. What is the price per yard?
2. Calculate the price for  $5\frac{1}{2}$  yards. ( You do not need to include sales tax.)
3. How many inches are in  $5\frac{1}{2}$  yards?
4. How many feet are in  $5\frac{1}{2}$  yards.

# Shopping List

Find the following items and list the prices. List the brand you selected in the comments section.

Item	Price	Comments – Like what brand
½ gallon pure orange juice		
1 gallon fat free milk		
1 dozen eggs		
1 pound butter or margarine		
1 pound cheddar cheese		
4 small cartons of yogurt		
2 ply toilet paper minimum 12 rolls		
Facial Tissue minimum 120 sheets		
2 boxes of healthy cereal		
10 pounds unbleached flour		
1 container of salt		
syrup for pancakes		
1 bottle olive oil		
Tamari Sauce		
Unsweetened Apple Sauce		
2 cans refried beans (no animal fat)		
Spaghetti Sauce		
1 pound Spaghetti Noodles		
Brown Rice		
Corn tortillas (minimum 2 dozen)		
Green beans		
1 can large olives		
Polaner All Fruit Spread		
2 pounds strawberries		
1 pineapple		
3 pounds bananas		
A healthy snack		
1 loaf whole grain bread		
1 pound broccoli		
3 pounds apples		
<b>TOTAL</b>		

You have a budget of \$75. Can you buy everything on the list? If not what would you put back? If so how much change would you get?

## Red vs. White



Which sauce is healthier? Compare the Classico Roasted Garlic and Classico Creamy Alfredo Nutrition facts in the table below.

	Roasted Garlic	Creamy Alfredo
Serving Size		
Calories per Serving		
Total Fat (grams & percentage of daily recommended value)		
Saturated Fat (grams & percentage of daily recommended value)		
Cholesterol (mg & percentage of daily recommended value)		
Sodium (mg & percentage of daily recommended value)		
Dietary Fiber (grams & percentage of daily recommended value)		
Vitamin A		
Vitamin C		

Based on the information you gathered which would you say is healthier? Why?

### Group 1

There are two worksheets to complete throughout the morning they are "Shopping List" and "Geometric Solid Figures." For the rest of the worksheets, please follow this order so all groups are not in the same place at the same time.

1. Video Game
2. The Great Muslin Caper
3. Get Fresh
4. Breakfast – How much Sugar?
5. Is Bigger Better?
6. Snacks
7. Drinks
8. Generic vs. Brand Name
9. Red vs. White
10. Around the Pizza We Go
11. Fruits and Vegetables

### Group 2

There are two worksheets to complete throughout the morning they are "Shopping List" and "Geometric Solid Figures." For the rest of the worksheets, please follow this order so all groups are not in the same place at the same time.

1. Get Fresh
2. Breakfast – How much Sugar?
3. Is Bigger Better?
4. Snacks
5. Drinks
6. Generic vs. Brand Name
7. Red vs. White
8. Around the Pizza We Go
9. Fruits and Vegetables
10. Video Game
11. The Great Muslin Caper

### Group 3

There are two worksheets to complete throughout the morning they are "Shopping List" and "Geometric Solid Figures." For the rest of the worksheets, please follow this order so all groups are not in the same place at the same time.

1. Fruits and Vegetables
2. Around the Pizza We Go
3. Red. Vs. White
4. Generic vs. Brand Name
5. Drinks
6. Snacks
7. Is Bigger Better?
8. Breakfast – How much Sugar?
9. Get Fresh
10. The Great Muslin Caper
11. Video Game

### Group 4

There are two worksheets to complete throughout the morning they are "Shopping List" and "Geometric Solid Figures." For the rest of the worksheets, please follow this order so all groups are not in the same place at the same time.

1. Around the Pizza We Go
2. Red. Vs. White
3. Generic vs. Brand Name
4. Fruits and Vegetables
5. Video Game
6. The Great Muslin Caper
7. Get Fresh
8. Breakfast – How much Sugar?
9. Is Bigger Better?
10. Snacks
11. Drinks

## Group 5

There are two worksheets to complete throughout the morning they are "Shopping List" and "Geometric Solid Figures." For the rest of the worksheets, please follow this order so all groups are not in the same place at the same time.

1. Breakfast – How much Sugar?
2. Is Bigger Better?
3. Get Fresh
4. Video Game
5. The Great Muslin Caper
6. Snacks
7. Drinks
8. Fruits and Vegetables
9. Generic vs. Brand Name
10. Red vs. White
11. Around the Pizza We Go