

Grocery Store Math

I put this curriculum together for my adult special education life skills students to use on community outings to the grocery store. Some of the sheets are more difficult than others and my students use calculators for some of the math problems. I highly recommend that these worksheets be done with help from an adult or staff member. Some of the worksheets will require stores that show cost per ounce. The Walmart in my area has it displayed so that is an option. I hope you and your kids enjoy the worksheets as much as me and mine have.

Thanks,

Karen

🧼 Healthy Produce

The produce section of the grocery store carries a large variety of fruits and vegetables. These foods are important to eat because they keep our bodies healthy.

Fruits and vegetables are sold either by the pound (lb.) or by each piece. Find each of the following produce items in your store. Circle whether they are sold by the pound (lb.) or each.

Banana	Lettuce	Cantaloupe	Oranges	Asparagus	Bell Pepper	Red Onion
lb. each	lb. each	lb. each	lb. each	lb. each	lb. each	lb. each

Let's weigh some produce: Using the scales in the produce section, weigh each of the produce items below trying to get as close as you can to the pound amount listed. Try not to go over.



How many carrots does it take to get 3 pounds? _____

How many lemons will it take to get to 2 pounds?

How many potatoes will you need for 4 pounds?_____

How many limes will it take to get 3 pounds?_____

Cost per item: to figure out the cost of buying multiple items you will need to use your calculator to multiply (x) the amount of items by the cost per item. 2 watermelons at 1.00 each would cost. 1.00 x 2 = 2.00 cost

Produce	Cantaloupe	Lettuce	Watermelon	Avocado	Cabbage
Cost Each					
How Many?	3	2	2	4	3
Total Cost					

Do the Math: Find the cost of purchasing the following items:

1 lb. Onions	1 lb. Green Beans	1 lb. Lemons
1 Head Lettuce Total =	1 Head Cabbage Total =	1 Squash Total =
1 Avocado 1 Eggplant Total =	1 lb. Tomatoes 1 Cantaloupe Total =	1 lb. Mushrooms 1 bag shredded carrots Total =

Name 6 non produce items you found in the produce section of your store:

2._____ 3.____ 1._____

4._____

5. _____ 6.____ 1

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Frozen Foods

The frozen food section of the grocery store carries a variety of foods like meats, vegetables, and sweets. Foods like ice cream need to be kept frozen or they will melt. Other items are kept here so they will last longer. Items in the freezer section can last for months compared to if they were kept on the shelf.

Find the items below in the freezer section. Find the expiration date on each item and write it in the second box below. In the third box write how long each item will last in your home freezer.

Corn	Pizza	Waffles	TV dinner	Pie
exp.	exp.	exp.	exp.	exp.

Ice cream comes in many flavors! Find the Bryers brand ice cream. How many flavors is there to choose from? _____. How many ounces are in each container? _____.

What is the cost? _____

Let compare ice creams. Write down 3 different brands of ice cream besides Breyers in the graph below. Write down the cost of each brand.

Brand name	A Breyers	В	С	D
\$ Cost	\$	\$	\$	\$

Which brand was the most expensive? _____. Which brand was the least expensive? _____.

How much would it cost to purchase both brand A and brand C? _____ + ____ = ____.

How much would it cost to purchase both brand B and brand D? _____ + ____ = _____.

TV Dinners

A TV dinner is a prepackaged frozen meal that usually comes in individual portions. It requires very little preparation and contains all the elements for a single-serving meal. It just needs to be reheated to eat.



Find three TV dinners that you would enjoy. Fill in the answer on the graph below.

Name	Ounces	Calories	Cost \$

Canned Goods

Canning is a method of packaging food so that it can last for a long time. Foods are processed and sealed in airtight containers usually made from tin. Many cans require opening by cutting the top open while others have removable covers.

Foods that have been canned have a typical shelf life of one to five years.

Find the canned section of your store. Besides vegetables what other products does your store carry that are canned?

Expiration Date - Canned foods will eventually expire. You should not eat food that has passed it's expiration date. Find the following foods (or similar). What is the expiration date? Write it on the lines provided.











Canned goods are made by a variety of companies. Find 3 companies that can each of the goods below. Make sure the cans are of similar size. Write the price of each good.

	Black	19
	Beans	
-		
	Concession of the	

\$ \$ \$

 Corn
 \$

 \$

 \$

 \$

Which brand cost the most? _____

Which brand the least?_____



\$ \$ \$ \$

Which brand cost the most? _____

Which brand the least?_____

	\$
Tomato Sauce	\$
	\$

Which brand cost the most? _____

Which brand the least?_____

Which brand cost the most? _____

Which brand the least?_____

Canned foods come in a variety of sizes. Find each of the products below and list each of the different sizes by ounce.

Chicken Broth	Tomato Sauce	Baked Beans	Beef Stew



Baking Goods

The baking section of the grocery store can take up a whole complete aisle. Everything you need to make breads, cookies, and cakes can be found in this section. In most stores the spices will also be found in this aisle.

Lets stock up on items from this section of the store. Find and write down the price of each item listed below. Find the total cost for all the items.

5 lb. Sugar	Baking Soda	5 lb. Flour	Salt	Bread Crumbs	Total =
\$	\$	\$	\$	\$	\$

1	Vegetable Oil	Sprinkles	Cake Mix	Frosting	Cupcake Liners	Total =
\$		\$	\$	\$	\$	\$

There are a number of companies that provide cake mixes to grocery stores. Write down three different companies that provide them to in your store. What is the cost of each one?

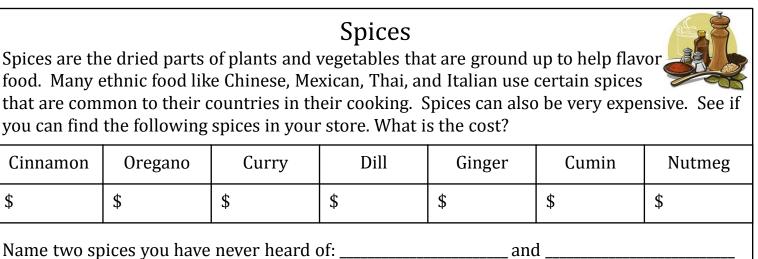
\$ \$	\$

Which one was the most expensive? _____ Cost? _____

Which one was the least expensive? _____ Cost? _____

\$

How much more money was the expensive brand from the cheapest?



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What's for Breakfast?

It is said that breakfast is the most important meal of the day. No wonder there are so many choices to choose from in the breakfast section of your store.

Cereal

There are many brands of cereal on the market. Some are made by name brand companies like Kellogg©, General Mills©, and Post©. You will also find almost identical items sold as generic. These are items that are sold in less attractive packaging for a much cheaper price. See if you can find the generic brand for each of the cereals below. What is the price for each and what would your savings be if you bought the generic brand?









A General





Name Brand	\$ \$	\$ \$	\$ \$
Generic Brand	\$ \$	\$ \$	\$ \$
Savings	\$ \$	\$ \$	\$ \$

There are many other items in the breakfast aisle besides cereal. There are things to grab for quick breakfasts like granola bars and Pop-tarts. There are also items you can buy to cook a breakfast like pancakes, oatmeal, and waffles. Find 5 things in the breakfast aisle besides cereal that someone can have for breakfast. What is the cost?

\$	\$ \$	\$ \$



There are other breakfast item in the grocery store that are not stored in this aisle. Items like eggs, bacon, and sausage need to be kept cold. These items can be found in the refrigerated section of the store. Locate the following items in your store and answer the questions about them below.

Bacon: There are many different brands of bacon in the store. Some are much more expensive than others. Find the most expensive brand of bacon. What is the cost? ______ Find the least expensive. What is the cost? ______

Sausage: Sausage is spiced meat that can be used in cooking. Sausage is a great addition to breakfast as well and comes in a variety of shapes like patties, links, and bulk. List 3 companies that make sausage for your store?

The Meat Department

You can buy many kids of meats in the meat department of your grocery store. Meat is cut from animals and portioned into smaller containers for consumers to buy and cook.

Most meats are sold by the pound. After the butcher packages the meats into individual containers, the packages are weighed and the price is marked on each one. Each prepackaged meat will have the following three things on it.

- 1. The weight of the meat
- 2. The cost per pound
- 3. The total cost you will owe

1. 2.2 lb. 2. \$2.99 3. \$6.59

Sometimes you can find great sales on items in your meat department. Find 4 items that are on sale. Write the name of each item, the sale price per pound, and the total cost.

Item		
Sale price	\$ \$	\$ \$
Total cost	\$ \$	\$ \$

Find the following meats in the meat department of your store. Looking at the sticker, find out how much each item costs per pound?

Sirloin Steak	Chicken Thighs	Pork Chops	Ground Beef	Whole Chicken
\$	\$	\$	\$	\$

Do the Math:

Write down the weight, price per pound, and total cost of the following items. Add to find your total.

Meat item:	Weight	\$ per pou	nd (lb.)	, , , , , , , , , , , , , , , , , , ,	Fotal cost
Chicken Breast				\$	
Ground Beef				\$	
			Total =	\$	
Meat item:	Weight	\$ per pou	nd (lb.)	r	Fotal cost
Meat item: Round Steak	Weight	\$ per pou	nd (lb.)	\$	Гotal cost
	Weight	\$ per pou	nd (lb.)		Fotal cost

6



The Bread Aisle

Bread is a staple food prepared by baking a dough of flour and water. It is popular around the world and is one of the world's oldest foods.

Bread comes in a variety of flavors. The most common being white and wheat. Look through your bread aisle at your store and write down each of the different bread types you find.

White	Wheat	

All different companies make bread and your store probably carries it's own generic brand as well. Find the section of the store where the white bread is. Write down the name of 5 companies that make white bread. Write down the cost of each brand.

1.	2.	3.	4.	5.
\$	\$	\$	\$	\$

Which brand was the most expensive? _____ Which brand was the least

expensive? _____ .

Breads come in all shapes and sizes. Besides loaves, bread also comes in shapes like hot dog and hamburger buns, muffins, bagels, and rolls. Count how many brands (not flavors) there are of each type of breads below.



Bagels	Hot Dog Buns	English Muffins	Dinner Rolls	Hamburger Buns

Which bread had the most brands? _____ Least? _____

The bread aisle also carries products that can be put on bread like peanut butter, jelly, and honey. Find each of the products below. Find a similar size brand that is less expensive. Write the new brand and the cost of each in the graph below.



\$

Jif peanut butter \$

STO	3
SMUCKERS	\$
Strawberry Jan	
San	\$

	Smuckers Jam
ERS	\$
TRY	
	\$

	honey
	\$
3	
	\$



Dairy

All fluid milk products and many foods made from milk are considered part of the dairy food group. Dairy items need to be kept cold so they do not spoil. Your grocery store will have a special refrigerated section where dairy items are stored.

Write down 9 products that you find in your dairy section.

1	2	3
4	5	6
7	8	9

Cheese: There are many kinds of cheeses available at the store. Can you find 8 different cheeses? List them below.

Find the cost of the following dairy products.

CLOVER @		Mitmusen Shincen Shincen	CEED Singled National Support	

How much would it cost to buy the eggs and butter ______+ ____= _____

How much would it cost to purchase two cream cheeses? _____ + ____ = _____

How much would it cost to buy the sliced cheese and the milk? _____ + ____ = ____

How much would it cost to purchase each of these items?

Milk: Milk comes in a variety of sizes. List each of the sizes below from smallest to biggest along with the price.

Size		
Cost		

Yogurt: Yogurt comes in a variety of flavors. Look at the yogurts in your store. Which brand has the most flavors? ______. How many flavors can you count? ______. How many different brand a can you find (Variait Dannan eta)?

brands can you find (Yoplait, Dannon etc)? _____. List each brand and its cost below.

\$ \$	\$ \$	\$ \$



Name Brand vs. Generic

For most common items in a grocery store, you will find two distinct types of brands. You have the "name brand" items, which are made by large companies like Kraft©, Kellogg©,

and Coca Cola©. Then they will have the "generic" items which may be in simpler packaging with the store's name or the stores brand name. Generic items can be significantly cheaper than name brands.

Find the following name brand items in your store (if you can't find the exact item find another name brand). Make sure the items your are comparing are approximately the same size. Write down the generic name and the price of each item.

and a second sec	Name brand \$	Conceptual States and Conceptual States	Name brand \$
(RAFD	Generic brand \$		Generic brand \$
Singles-	Which brand was cheaper?	Best Foods	Which brand was cheaper?
HASTRALED MEANED DEEST FRUUU	Brand name Generic	REAL MAYONNAISE	Brand name Generic
and the second s	By how much? \$		By how much? \$
	Name brand \$		Name brand \$
CH	Generic brand \$		Generic brand \$
CANE	Which brand was cheaper?		Which brand was cheaper?
	Brand name Generic	Wonder Mit Access Surveys	Brand name Generic
Mercanit Table	By how much? \$	Classic White	By how much? \$
	Name brand \$	Summer (WHOLE)	Name brand \$
TROVESTONE	Generic brand \$	Cheerios	Generic brand \$
ORIGINAL	Which brand was cheaper?	C Drand \$	
	Brand name Generic	Chetrios May Reduce Your Cholester	Brand name Generic
PEPPERONI		The same is dealing in the same is the sam	By how much? \$
	By how much? \$		Name brand \$
	Name brand \$		
190	Generic brand \$		Generic brand \$
CREAMY	Which brand was cheaper?	Temima	Which brand was cheaper?
	Brand name Generic	Original	Brand name Generic
	By how much? \$		By how much? \$
	Name brand \$	*	Name brand \$
Same S	Generic brand \$		Generic brand \$
	Which brand was cheaper?	AL AND Y	Which brand was cheaper?
(Cisco)	Brand name Generic	orisinal	Brand name Generic
	By how much? \$		By how much? \$
	Name brand \$		Name brand \$
Charmin	Generic brand \$	Del monte	Generic brand \$
Ultra Strong	Which brand was cheaper?	Mane wern Fredelah Sime war	Which brand was cheaper?
You Will Notice	Brand name Generic	GREEN BEANS	Brand name Generic
	By how much? \$		By how much? \$
L)	©EmpoworodByTHEM201



Following a Recipe

Recipes are instructions you can follow to prepare a meal. You will have to follow a recipe carefully to make sure that you add the proper amounts of each ingredient. If your amounts are not correct your dish may not turn out and you will have wasted your ingredients.

Let's plan a meal. Look at the recipe below. Make a grocery list of the items you will need to purchase to make this meal. Find each of the items at the store and write down the cost of each one. Add each item to find out your total cost to make this meal.

Recipe - Taco in a Bag Recipe makes 6 servings		Grocery List
1 lb. ground beef	1.	
1 packet taco seasoning	2.	
6 (2 oz.) bags Frito© corn chips or one (10.25 oz.) bag		
2 cup lettuce	3.	
1 chopped tomato		
1/2 cup salsa	4.	
1 cup grated cheddar cheese	5.	
1/2 sour cream		
Directions:	6.	
1.Place ground beef in a large skillet. Cook and stir over medium heat until browned. Drain excess oil. Mix in the taco seasoning	7.	
and prepare according to the directions on the package. 2.With the bags unopened, gently crush the corn chips. Cut the bags along the side edge so the bags are open. Spoon equal	8.	
amounts of the beef mixture, lettuce, tomato, cheddar cheese, salsa, and sour cream into the bags on top of the crushed chips. Serve in the bag and eat using a fork.	9.	
	1	

What was the cost of each item? How much would it cost to make this recipe?

Ground beef	\$ Salsa	\$
Taco seasoning	\$ Cheddar cheese	\$
Frito© chips	\$ Sour cream	\$
Lettuce	\$	
Tomato	\$ Total =	\$

Would you make this recipe at home? _

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Crockpot Cinnamon Apples Recipe Recipe makes 6 servings	Grocery List
1 cup golden raisin 3/4 cup granulated sugar 1/4 cup light brown sugar, packed 1 tablespoon cinnamon 1/8 teaspoon nutmeg 3 tablespoons cornstarch 4 tablespoons butter, sliced Directions:	1.
 Put all ingredients EXCEPT BUTTER into crock pot; stir well coating all apple slices. Place slices of butter on top. Cook on HIGH for 1-1/2 to 2 hours OR cook on LOW 3- 1/2 to 4 hours, stirring once half way through. Serve and enjoy! 	6.

What was the cost of each item? How much would it cost to make this recipe?

Raisin	\$ Cornstarch	\$
Sugar	\$ Butter	\$
Brown Sugar	\$	
Cinnamon	\$	
Nutmeg	\$ Total =	\$

Would you make this recipe at home?

Cost per Ounce

Each item in the store will have a product tag posted on the shelf below the item. This tag shows the name of the product and the cost. Some stores even list the cost per ounce (shown with the arrow). This information is important to know so that you can get the best deal. Even though a price may be cheaper on an item, if the cost per ounce is lower you will be getting more product for your money.

Mayonnaise \$1.75 .35 per ounce

Look at the following price tags for salad dressing. There are three different sizes available. You will need to look at the cost per ounce to determine which dressing is the better deal.









What size dressing has the lowest price tag? _____

What size dressing has the lowest price per oz? ______.

Which size dressing cost the most per oz? ______.

What size dressing is the best deal for your money?

What is the cost per ounce on the following items?							
	Convin	Homestyle Baggar Tour	No and the second secon		Contraction of the second seco	ermente cheesiest	
Which item had the lowest price per oz? How much? per oz.							
Which item ha	d the highest pr	ice per oz?		Но	w much?	per oz.	

Find the following items in your grocery store. Write down how many ounces are in each size and the cost per ounce.

	ounces	ounces	ounces	ounces	Which size had the best price per ounce?
	\$ per oz.	\$ per oz.	\$ per oz.	\$ per oz.	0Z.
P THE COUT HE RETURN	ounces	ounces	ounces	ounces	Which size had the best price per ounce?
REAL PRODUCTION	\$ per oz.	\$ per oz.	\$ per oz.	\$ per oz.	0Z.
(RAF) Cualat	ounces	ounces	ounces	ounces	Which size had the best price per ounce?
AMERICAN NORLEARING DES MOL	\$ per oz.	\$ per oz.	\$ per oz.	\$ per oz.	0Z.



Cleaning Supplies

Cleaning agents are substances, usually liquids, powders, or sprays that are used to remove dirt, including dust, stains, and bad smells on surfaces. Some cleaning agents can kill bacteria and clean at the same time.

Find the cost of the following cleaning products in your store. Find the store brand or generic of each product. Which was more expensive (circle)? By how much?

	25 Statement Enderstate National Nation			No Soratch References	Rimine	20 Additional and an	
Cost	\$	\$	\$	\$	\$	\$	\$
Generic	\$	\$	\$	\$	\$	\$	\$
Most Expensive	Name Brand Generic	Name Brand Generic	Name Brand Generic	Name Brand Generic	Name Brand Generic	Name Brand Generic	Name Brand Generic
Difference	\$	\$	\$	\$	\$	\$	\$

A	Tide is a name brand product that comes in many types and sizes. Log each size, amour of loads per item, type of cleaning agent, and cost on the graph below.									
	Ounces									
RA	Loads									
Citle Pops	Type (circle)	Liquid Powder Pods	Liquid Powder Pods	Liquid Powder Pods	Liquid Powder Pods	Liquid Powder Pods	Liquid Powder Pods			
	Cost \$									

Air Fresheners are used to help eliminate bad odors. They come in a variety of scents. Can you find 6 different scents of air fresheners in your store? Write the scent and the cost of each.

\$ \$	\$ \$	\$ \$

Many different companies sell the same products. How many different brands of each of the cleaning supplies below does your store carry?















Personal Care Products

Personal care products, or toiletries, are the items we use to take care of our hygiene and personal needs. These items make us smell good and look nice.

Find the section of your store where personal care products are kept. Find each of the following products and write the **generic or name brand** price for each. If there is no generic, find the brand that cost the least.



\$

Find the following products and write the names of 3 companies that produce them.

Deodorant	Conditioner	Foot Powder	Toothpaste

There is a huge variety of shampoos to choose from at the store. Find each of the products below. Find the smallest size available. How many ounce are in each bottle?

attissie moiet moiet moiet moiet moiet moiet moiet moiet moiet			PARTERS PARTERS	Contraction of the second seco	the states
Aussie	AXE	Suave	Pantene	Herbal Essence	Head & Shoulders
OZ.	0Z.	0Z.	0Z.	0Z.	OZ.

Find the brands you use at home. Write down the cost of each one and add the 3 items to find a total cost.

Toothpaste	Deodorant	Shampoo	Total
\$	\$	\$	\$

Toothbrush	Conditioner	Shower Soap	Total
\$	\$	\$	\$



Paper Goods

Paper plates, plastic & paper cups, napkins, toilet paper, tissues, paper towels, garbage bags, re-sealable bags, aluminum foil, and more are located in the paper section of your grocery store.

Find the following products in your store. How many come in each package? What is the cost?

	THE PARTY OF THE P	Reynolds Wrap	AngelSoft	GLAD THIRD	Bounty	Klouet
Paper Plates	Sandwich Bags	Foil	Toilet Paper	Garbage Bags	Paper Towels	Tissues
Plates	Bags	Feet	Rolls	Bags	Rolls	Tissues
\$	\$	\$	\$	\$	\$	\$

Many companies make and sell toilet paper. Find 8 different brands and list them below

1._____ 2.____ 3.____ 4.____

5._____ 6.____ 7.____ 8.____



Toilet paper comes in single, double, triple, and mega rolls. In order to figure out how many additional rolls your are getting per roll you will need to multiply (x) each roll 2, 3 or 4. Find packages that contain the rolls listed below. Find how many single rolls each package contains. Example- 6 double(2) rolls would equal how many single rolls 6 x 2 = 12 single rolls

Single = 1 Double = 2 Triple = 3 Mega = 4

12 double rolls =	single rolls	4 triple rolls =	single rolls	8 mega rolls =	single rolls
12 triple rolls =		16 double rolls =	single rolls	6 mega rolls =	single rolls

Storage bags come in a variety of sizes. Ziploc is a major brand of baggies you will find in your store. What sizes do Ziploc re-sealable bags come in?

1		1	2				
		Ζ.	.5	4	_	Ъ.	
_	•	- ·	-	 			

Find the **tissue** section of your grocery store. Find the single boxes similar to the ones next to our graph. Write down 5 different brands along with the price.

		Kichner
\$ \$	\$ \$	\$ Kinner Co

 Which brand was the most expensive?
 How much?

 Which brand was the least expensive?
 How much?

The Pet Aisle



Most grocery stores have a full aisle dedicated to our furry friends. Large superstores like Target and Walmart have multiple aisles full of everything you would need take care of a pet.

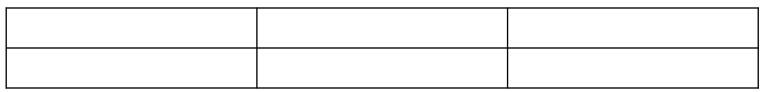
Find each of the items below for each pet. Add to find your total cost. If you cannot find the exact item, find a similar item.

PUPPy CHOW	b		Total
\$	\$	\$ \$	\$





Dry dog and cat food comes in a variety of flavors or names. Find the **Beneful**[©] brand dog food in your grocery store. List each of the varieties of that brand your store sells.



Most dog food is sold by the pound. Pounds can also be written like this - **lbs.** Look through all the different brands of dog food and see how many different size bags you can find. List each of the pound sizes you find.

Besides dog and cats. Can you find products your store carries for other pets? List the pet, the product, and the price in the graph below.

Pet	Item	Cost
		\$
		\$
		\$
		\$
		\$