

## Introduction

The initial stimulus for this book was the fear of what others would THINK when I took my own homeschooled children to the grocery store during regular school hours. I began devising activities to keep them “busy” in the store, and soon realized that they were learning skills needed in real life!

These activities cover a wide range of skills for students in elementary to middle school grades. The information necessary for each activity can be gathered by the students during a weekly shopping trip, with fairly minimal input from Mom. At the end of many activities, the children are asked to do or discuss something with their teacher: a component which will greatly enhance the students’ learning. Some activities allow students to practice typical math skills, but in a real-life setting. Others help to develop the skills necessary for smart shopping, and can help to answer the most often-asked question: “WHY do we have to know this?”

## How To Use Grocery Cart Math

Grocery Cart Math is designed to teach 3rd-5th Grade Math skills during regular trips to the grocery store. There are 32 Math lessons, plus four “Just For Fun” lessons which discuss areas other than Math. Lessons may be done one per week, or at whatever pace is comfortable for you and your student.

The Lessons in Grocery Cart Math contain various sections. The top section is done at the grocery store. In order to avoid creating a disturbance at the grocery store, we recommend that you look over each Lesson before actually going to the store.

“At Home” Section, signified by this symbol: 

This section is designed to be done by the student at home.

“Talk About It” Section, signified by this symbol: 

Students should talk to Mom or Dad about the questions in this section.

Grocery Cart Math has been designed to be simple and fun to use, while being educational. May your trips to the grocery store take on new meaning, now that you’ve discovered Grocery Cart Math.



What is sold in one-gallon containers?

1. Have Mom show you a one-gallon (1-gal.) container.
2. Find and list items that are sold in one-gallon containers.
3. Write the price for each item.

Item	Price
Example: water	69¢
1. _____	
2. _____	
3. _____	
4. _____	
5. _____	
6. _____	
7. _____	
8. _____	
9. _____	
10. _____	



1. Which gallon item is most expensive? \_\_\_\_\_
2. Which item is least expensive? \_\_\_\_\_



Talk with Mom or Dad about why some things cost more per gallon than others.



1. Find and list items that are sold in half-gallon ( $\frac{1}{2}$ -gal.) containers.
2. Put a check mark ( $\checkmark$ ) in the box next to each item that can also be bought in a gallon.

Item	<input checked="" type="checkbox"/> can also buy in gallon
Example: pineapple juice	<input type="checkbox"/>
1. _____	<input type="checkbox"/>
2. _____	<input type="checkbox"/>
3. _____	<input type="checkbox"/>
4. _____	<input type="checkbox"/>
5. _____	<input type="checkbox"/>
6. _____	<input type="checkbox"/>
7. _____	<input type="checkbox"/>
8. _____	<input type="checkbox"/>
9. _____	<input type="checkbox"/>
10. _____	<input type="checkbox"/>



1. How many half-gallons are in a gallon? \_\_\_\_\_
2. What can you buy in a half-gallon container that you cannot buy in a gallon? \_\_\_\_\_
3. Why do you think some items are not sold in gallons?  
\_\_\_\_\_