

# Supermarket Math Adventure!

Let's go on a shopping trip... with math!

## Materials You'll Need:

- Grocery store flyers or advertisements
- Play money (coins and bills) OR paper/pencil
- Empty, clean food boxes/containers or play food items (optional)
- Paper
- Pencil

## Let's Shop!

Imagine you have a shopping list and need to buy a few things at the supermarket. We need to figure out how much it will all cost!

### Activity 1: Price Check

Look through the grocery flyers. Find the price of these items (or similar items):

- A box of cereal
- A carton of milk
- A bunch of bananas
- A loaf of bread
- A jar of peanut butter

Write down the price next to each item on your paper. Prices are usually written like \$2.99 (two dollars and ninety-nine cents).

### Activity 2: Adding Up Your Items

Let's pretend you choose three items to buy. Let's say you chose:

- Cereal: \$3.50
- Milk: \$2.25
- Bananas: \$1.10

How much will these cost altogether? We need to add the prices!

Write the numbers down, lining them up carefully. It's easiest to add the cents first, then the dollars.

$$\begin{array}{r}
 \$3.50 \\
 + \$2.25 \\
 + \$1.10 \\
 \hline
 \end{array}$$

First, add the cents column ( $0 + 5 + 0 = 5$ ). Then add the next cents column ( $5 + 2 + 1 = 8$ ). So we have 85 cents.

Next, add the dollars column ( $3 + 2 + 1 = 6$ ). So we have 6 dollars.

The total cost is \$6.85!

### **Activity 3: Your Shopping Trip**

Now it's your turn!

1. Choose 3 or 4 items from the grocery flyer (or use your play food/boxes and make up prices like \$1.50, \$2.00, \$0.75, \$3.10).
2. Write down the items and their prices.
3. Carefully add the prices together on your paper. Remember to line them up!
4. What is your total cost?
5. (Optional Challenge): If you paid with a \$10.00 bill or a \$20.00 bill (using play money), could you figure out the change? (We can work on subtraction next time!)

### **Wrap Up**

Great job being a super shopper! Adding prices helps us know if we have enough money when we go to the store. Keep practicing looking at prices and adding them up!