Our Store's Inventory

Let's think about how to run a store.

Warm-up

Notice and Wonder: The Shopping Basket

What do you notice? What do you wonder?



Activity 1

100 Items

1. Choose 3 items to sell at your store. Write the names of the items in the first row.
2. At the beginning of each day, you have:
    - 100 items
    - Fewer than 10 of 1 of the items.
    - More than 10 of the other 2 items.

    Fill in the second row. How much of each item do you start with?

names	item 1:	item 2:	item 3:
amount at the beginning of the day			
sales activity			
amount at the end of the day			

Activity 2

Buyers and Sellers

1. Take turns rolling a number cube. Each person rolls 3 times. Record each roll.
    - Roll 1: _____
    - Roll 2: _____
    - Roll 3: _____

2. Buyers: Create a 1-digit or 2-digit number using the digits you rolled. These numbers represent how many of each item to buy.

3. Sellers: Change the total number of items sold on your inventory sheet after a sale. Record the change next to “sales activity.”

Activity 3

Sales Reports

	item 1	item 2	item 3	total
starting amount				
number of items sold				
number of items left				
restock amount				

1. Fill out the inventory sheet with the information from your sales.
2. What do you notice about the number of items you sold? What do you notice about the restock amount?