

“What is the process for purchasing items from the Poke Mart Shop Cart in Excel?”

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The process for purchasing items from the Poke Mart Shop Cart in Excel is a simple and efficient method for obtaining goods in an organized manner. The first step is to open the Excel spreadsheet and locate the Poke Mart Shop Cart tab. From there, you can browse through the available items and select the desired ones by clicking on the corresponding checkboxes. Once you have made your selections, click on the "Add to Cart" button to add the items to your virtual shopping cart. You can then proceed to the checkout page by clicking on the "Checkout" button, where you will be prompted to enter your payment and shipping information. Once the transaction is complete, the items will be purchased and the corresponding cells in the spreadsheet will be updated. This process ensures a streamlined and user-friendly experience for purchasing items from the Poke Mart Shop Cart in Excel.

Excel Case: Poke Mart Shop Cart

Case: Poke Mart Shop Cart

In this case we help the Poke Mart merchant to create a shop cart overview with prices, discount and total price. You will practice the skills that you have learned in the earlier chapters.

Copy values or type the following data:

	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200				
3	Great ball	600				
4	Ultra ball	1200				
5	Potion	300				
6	Super potion	700				
7	Hyper potion	1200				
8	Antidote	100				
9						
10	Subtotal					
11	Discount				Discount	
12						
13	Total					

To solve the case we need to complete the following:

Prices for items (C2:C8)Sub total (B10)Add discount (B11)Total price (B13)

Are you ready?

Start by creating the first formula for `Item price*Shop cart`. We want the price to change when we change items in the Shop cart. Use the fill function on the range `D2:D8` afterwards to save time.

Step by step:

Select `C2`, type `(=)`Select `B2`Type `(*)`Select `D2`Hit enter

	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	<code>=B2*D2</code>			
3	Great ball	600				
4	Ultra ball	1200				
5	Potion	300				
6	Super potion	700				
7	Hyper potion	1200				
8	Antidote	100				
9						
10	Subtotal					
11	Discount				Discount	
12						
13	Total					

C2		fx		=B2*D2			
	A	B	C	D	E	F	
1	Item	Item price	Price	Shop cart			
2	Pokeball	200	0				
3	Great ball	600					
4	Ultra ball	1200					
5	Potion	300					
6	Super potion	700					
7	Hyper potion	1200					
8	Antidote	100					
9							
10	Subtotal						
11	Discount				Discount		
12							
13	Total						

Test the formula by Typing `D2(1)`:

D2		fx		1			
	A	B	C	D	E	F	
1	Item	Item price	Price	Shop cart			
2	Pokeball	200	200	1			
3	Great ball	600					
4	Ultra ball	1200					
5	Potion	300					
6	Super potion	700					
7	Hyper potion	1200					
8	Antidote	100					
9							
10	Subtotal						
11	Discount				Discount		
12							
13	Total						

Did you get `C2(200)`? That matches the price for one Pokeball!

Good job!

We need the same formula for `C2:C8`, let's fill it downwards!

Note: We need relative references as we want the fill function to continue the formula to the next rows.

C2		fx		=B2*D2			
	A	B	C	D	E	F	
1	Item	Item price	Price	Shop cart			
2	Pokeball	200	200	1			
3	Great ball	600	0				
4	Ultra ball	1200	0				
5	Potion	300	0				
6	Super potion	700	0				
7	Hyper potion	1200	0				
8	Antidote	100	0				
9							
10	Subtotal						
11	Discount				Discount		
12							
13	Total						

Fill D2:D8 to double check the prices:

D2		fx		1			
	A	B	C	D	E	F	
1	Item	Item price	Price	Shop cart			
2	Pokeball	200	200	1			
3	Great ball	600	600	1			
4	Ultra ball	1200	1200	1			
5	Potion	300	300	1			
6	Super potion	700	700	1			
7	Hyper potion	1200	1200	1			
8	Antidote	100	100	1			
9							
10	Subtotal						
11	Discount				Discount		
12							
13	Total						

That looks right!

Let us find the subtotal by using the **SUM** function on the C2:C8 range.

Type **B10 (=SUM)** Double click the **SUM** function Mark the range **C2:C8** Hit enter

	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	=sum				
11	Discount					
12						
13	Total					
14						
15						
16						
17						
18						
19						
20						

	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	=SUM(
11	Discount				Discount	
12						
13	Total					

		fx =SUM(C2:C8				
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	=SUM(C2:C8				
11	Discount	SUM (number1; [number2]; ...)			Discount	
12						
13	Total					

		fx =SUM(C2:C8)				
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount				Discount	
12						
13	Total					

Well done! You have successfully calculated the subtotal using the `SUM` function.

Next, let's add a 10% discount. Type `F11(10)`:

F11		fx		10		
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount				Discount	10
12						
13	Total					

Apply the discount to the subtotal:

Select B11, type (=)Type (F11/100)*B10Hit enter

Note: The (F11/100) was used to change the value 10 to 0.1, which is 10%.

B11		fx		=(F11/100)*B10		
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount	=(F11/100)*B10			Discount	10
12						
13	Total					

B11						
fx =(F11/100)*B10						
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount	430			Discount	10
12						
13	Total					

Subtract the discount B11 from the subtotal B10 to calculate the total.

Select B13 type (=)Select the minuend B10Type (-)Select the subtrahend B11Hit enter

B13						
fx =B10-B11						
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount	430			Discount	10
12						
13	Total	=B10-B11				

B13		fx =B10-B11				
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	200	1		
3	Great ball	600	600	1		
4	Ultra ball	1200	1200	1		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	1200	1		
8	Antidote	100	100	1		
9						
10	Subtotal	4300				
11	Discount	430			Discount	10
12						
13	Total	3870				

That is great!

You have completed all the tasks for the Poke Mart merchant.

Prices for items

Range C2:D8 calculates the prices by multiplying item price and shop cart

Sub total

The SUM function adds the range C2:C8

Add discount

The discount is calculated by using

F11(10) into the formula in B11

Total price

Total price is calculated by subtracting the discount from the subtotal

Try changing the amounts in the shop cart and discount to see how the calculations adapt!

		fx =B10-B11				
	A	B	C	D	E	F
1	Item	Item price	Price	Shop cart		
2	Pokeball	200	4000	20		
3	Great ball	600	1800	3		
4	Ultra ball	1200	3600	3		
5	Potion	300	300	1		
6	Super potion	700	700	1		
7	Hyper potion	1200	6000	5		
8	Antidote	100	300	3		
9						
10	Subtotal	16700				
11	Discount	1670			Discount	10
12						
13	Total	15030				

Case completed! Good job!

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