THE SHOPPING : BIPSTOPIAN BLUE BUY DAY!

Hey kids! It's that time of year we all love, **BIPSTOPIAN BLUE BUY DAY**! Using your knowledge of **calculating taxes and discounts**, you must shop, shop, shop until you drop while staying under your BIPSTOPIAN lottery budget. Remember to maximize those BIPS bucks as any amount you don't use will be reclaimed by the BIPSTOPIAN UN (do you really want to give money back to the government?!?)

Task 1: Design and name your store. Your store must sell items which can be food, clothing, luxury items or anything in between. Items can be real or fictious (must be school appropriate...for example unicorns are appropriate, as well as awesome...weapons..in general...are not appropriate.) Please assign prices to each item. Your store must sell at least 5 and up to 10 items.

Task 2: To celebrate BIPSTOPIA BLUE BUY day, your store has declared a sale and will be discounting items using the numbers 0-9. **You must use each number 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 at least once in the form of a percent off.** For example, you could have a 37% discount on pink unicorns and a 21% discount on purple unicorns (which as we all know, are much more rare and thus expensive). After your discounts have been set, calculate the discounted subtotal prices of all your store's items.

Task 3: Get your budget at the BIPSTOPIAN Lottery! Each shopper will get a randomly selected BIPS bucks amounts to get to spend exclusively at the BIPSTOPIAN MEGA MALL.

Task 4: Go shopping at the stores in the BIPSTOPIAN MEGA MALL.
Here are the rules;
- You may not buy the same item more than once.
- You must shop at a minimum of 3 stores.
- You must stay below your assigned budget (including taxes).
- You must not spend more than 40% of your budget at one store.
- You will show all calculations in a clear and legible manner, on the sheet provided.

Task 5: In order to leave the BIPSTOPIAN MEGA MALL, you must pay taxes to the government. Unlike stores in Kelowna, the BIPSTOPIAN MEGA MALL calculates taxes on all of your purchases at the exit (you want to leave, you gotta pay). The **BIPSTOPIAN sales tax rate is 12.36%.**

BIPSTOPIA BLUE BUY DAY Summary Sheet   **Name:**

My Store Name: _____

Discount Numbers Used (make sure you use all the digits): 0 1 2 3 4 5 6 7 8 9

Item Name	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)
Eddy's Eggcellent Example Eggs	$2.99	26%	26% = 0.26 100% $2.99 x 0.26 = $0.7774 = $0.78	$2.99 - $0.78 = $2.21

Item Name	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)

Reminder: You must have a minimum of 5 items and a maximum of 10 items for your store.

BIPSTOPIAN BLUE BUY DAY Shopping Spree Spreadsheet Name:

My Lottery Winnings Budget: _____

Calculation of 40% of my budget:

Item and Store Name (__ from ___)	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)	How much have I spent so far?

Item Name	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)	How much have I spent so far?

Item Name	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)	How much have I spent so far?

Item Name	Regular Price ($)	Discount (%)	Discount (Show all work)	Subtotal Price ($)	How much have I spent so far?

Subtotal Spent at all stores: _____

BIPSTOPIAN Tax Calculation for 12.36%:

How close was I to the total lottery amount? _____

Competencies Evaluated:
- Apply multiple strategies to solve problems in contextualized situations
- Model mathematics in contextualized experiences.
- Use mathematical arguments to support personal choices.

Rubric for Evaluation

Emerging	Developing	Proficient	Extending
Student demonstrates minimal understanding of calculating discounts or taxes. Significant errors in conceptual understanding are present. Student was reliant on assistance to complete the task.	Student mostly demonstrates understanding of calculating discounts and taxes. Conceptual errors in understanding are present. Student was able to complete the task with minimal assistance.	Student clearly demonstrates understanding of calculating discounts and taxes. Work demonstrates proficiency. No conceptual errors are present. Student was able to complete the task with complete independence.	Student clearly demonstrates understanding of calculating discounts and taxes. Student utilizes a variety of strategies demonstrating a deep knowledge of content. No conceptual or calculation errors are present.
Student does not adhere to budget.	Student adheres to budget and has less than $25 remaining of budget.	Student adheres to budget and has less than $10 remaining of budget.	Student adheres to budget and has less than $1 remaining of budget.
Student work lacks organization or portions of work.	Student work shows some organization. Small portions of work may not be shown.	Student work is well organized, detailed and labeled using appropriate units. Student thought process is logical and easy to follow.	Student work is well organized, detailed and labelled. Student thought process is easy to follow. Additional explanations may be provided as reflections of decisions made.

Teacher Comments: