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Order a PB&J from the local bodega

Step 1 - Identify the problem

a. The initial request was to "Order a PB&J from the local bodega". After review, I have determined the actual problem is, I am in a rush and am running low on money, I want to order a food item with low cost and not a lot of time needed to make; A PB&J sandwich

Step 2 - What do I need to know

- a. Beginning point: Why am I ordering a PB&J
- b. We are ordering a Pb&J because by using time-cost analysis it is the quickest and cheapest item to get since I am in a rush and the bodega is right by my house

Step 3 - Identify things I need to find

- a. What bodega am I going to/Where
- b. Cost of Pb&JHow much time I have
- c. to stop
- d. Knowing what to ask for at the bodega

Step 4 - Organize the data

- a. I have evaluated the problem as "I am in a rush and am running low on money, I want to order a food item with low cost and not a lot of time needed to make; A PB&J sandwich."
- b. In order to solve this problem the necessary data points that need evaluation are the bodega I want to order from, cost of the PB&J, do i have time to stop, and what to ask the worker when I arrive

Step 5 - Identify Relationships

- a. The bodega you want to order from and where it's located is directly related to the price and how long it will take you to get there. Asking for the correct menu item at the counter is directly related to receiving the right item, the PB&J.

Step 6 - Find a solution

- a. Work backwards - You decide to ask the bodega worker for a sandwich with peanut butter and jelly. You get a PB&J because it's quick and cost effective. You

need to get something cost effective because you are short the week until payday. You need to get something quick because you are running late to class.

Step 7 - Presentation

The question we were initially asked was to “Order a PB&J from the local bodega”. After review, I decided the actual question being asked was “I am in a rush and am running low on money, I want to order a food item with low cost and not a lot of time needed to make; A PB&J sandwich.”

To make sure we effectively analyze time-cost, the data presented several factors we must account for when ordering a PB&J from the local bodega. First, we need to identify the location of the bodega to make sure it's an optimal distance from my house and won't cause too much of a delay since I am running late. Next, since the bodega is by my house, they have an online system that lets users see prices before ordering; I look up a PB&J to see the cost since I am short until payday and need to eat something cheap. Then, I grab my money and head to the bodega. I find the food ordering station and pull up the online menu. Online it is referenced as a “peanut-butter and jelly” so, I make sure to tell the chef the correct name of the item to avoid overcharging and confusion. Lastly, i get my sandwich and head on my way.