1. Capture

What are the **inputs**? What are the different kinds of data?	flavors / prices toppings & prices containers & prices
What do you need to **capture**?	Prices
What **validation** do you need?	buttons, options for flavors, toppings & container.

2. Process:

What data gets sent back to the server?	Routes: when you press the get price button you get total cost.
What happens to it to create the Output? *What are the verbs?*	display the total cost.
What limits do you need to take into consideration?	number of flavors & toppings
What else might be tricky?	Payment method

4. How to make it work?

What technical components do you need?	html, css, functions, tests & database
Which technical elements do you know already?	html, css, functions, tests & database
What technical elements do you not know yet?	

3. Display:

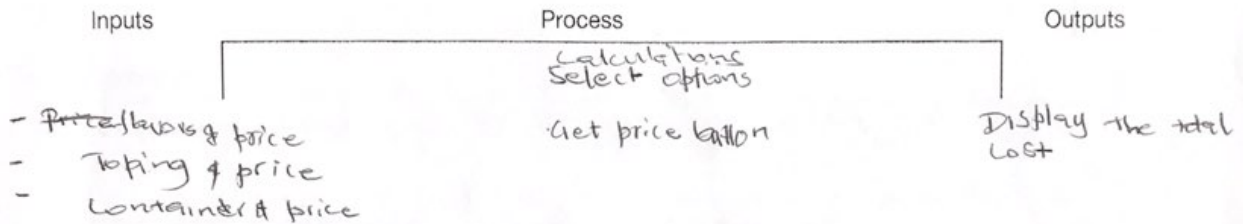|	
What data gets re Turned? How many kinds of data?	Total price of the selected items
Does anything else happen?	Payment confirmation

Problem Solving Template: Unpacking a Challenge

1. Restate: What am I being asked to do?

Asked to create a widget that can calculate the price of an Ice cream
select a flavor, type of container, topping to add to the Ice cream
Get price button and DISPLAY for the cost of the Ice cream

What are the **verbs**?

2. Visualize:

Workflow: Inputs - Process - Outputs

Inputs	Process	Outputs
	Calculations	
	Select options	
- Flavors & price	Get price button	Display the total
- Toping & price		cost
- Container & price		

Prototypes (only as many screens as you need)

What happens in each part of the screen?

_____   _____   _____
_____   _____   _____
_____   _____   _____
_____   _____   _____