Problem of the Week
Problem B
Grocery Shopping

A family of five is planning on having a special meal for lunch, while sticking to a $30 budget. The three children (Sean, Siobhan, Saorise) are each to propose a menu for the lunch. Each menu is to consist of a main dish, along with a vegetable side and a dessert. When answering the questions that follow, use the tables of items and prices per item below.

(a) Sean's menu has wraps made up of chicken fingers, lettuce, tomatoes, and mayonnaise. He chooses celery for his vegetable side and apples for dessert. Does his menu cost less than $30? If it does not, how can he change his menu so it costs less than $30?

(b) Siobhan's menu has sandwiches made up of bread, cold cuts, cheese, mayonnaise, and mustard. She chooses carrots for her vegetable side and apple pie for dessert. Does her menu cost less than $30? If it does not, how can she change her menu so that it costs less than $30?

(c) Saorise would like to have two different options for the main part of the meal, along with one option for the vegetable side and one option for the dessert. Help her make a menu from the items below, without exceeding $30.

Main Dish Items	
Item	Price
Bread	$2.98
Chicken Fingers	$7.99
Cold Cuts	$6.99
Hot Dogs	$3.49
Hot Dog Buns	$2.99
Pasta	$1.99
Pasta Sauce	$2.98
Wraps	$2.99
Cheese	$4.98

Condiments	
Item	Price
Ketchup	$3.99
Mayonnaise	$3.59
Mustard	$4.49
Relish	$3.49

Vegetables	
Item	Price
Carrots	$2.99
Celery	$2.99
Cucumbers	$1.79
Lettuce	$1.97
Tomatoes	$1.49

Dessert	
Item	Price
Apples	$3.99
Apple Pie	$5.99
Bananas	$1.45
Cookies	$2.99
Ice Cream	$2.98