

## APPLICATION OF INEQUALITIES

Gabby and her four sisters are going out to eat. Their parents gave each of them a \$10.00 bill. Use the menu to help write and solve an inequality for each scenario.



### CALIFORNIA CAFE

\*all prices shown include tax\*

Turkey Wrap	\$6.50	Soft Drink	\$1.55
Grilled Cheese	\$5.49	Ice Cream	\$2.80
Cobb Salad	\$8.95	Chips	\$1.29
Cheese Pizza	\$7.25	French Fries	\$1.79

1. Gabby and her four sisters combine the money their parents gave them. What is the maximum number of pizzas they can order to stay within their budget?

2. How many orders of french fries can the girls purchase if they want to spend less than \$8.00 on french fries?

3. If Gabby knows she wants to order a soft drink, then what is the maximum amount of money she can spend on food to not exceed her \$10.00 budget?

4. How many servings of ice cream can the girls buy if they want to spend no more than \$10.00 on ice cream?

5. California Cafe has a goal of earning \$130 on turkey wraps each day. How many turkey wraps do they need to sell in order to meet or exceed their goal?

6. California Cafe has a maximum capacity of 45 customers. If there are currently 27 customers in the cafe, how many more customers can they seat?