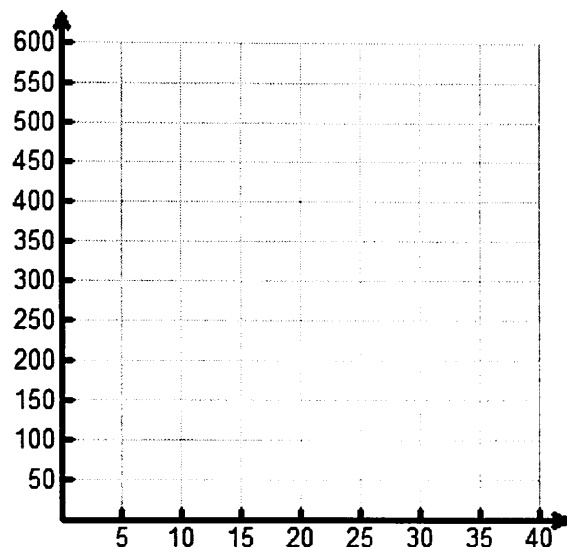


Is there a relationship between fat grams and the total calories in fast food?

Complete the table and plot the ordered pairs to create a Scatter Plot

Sandwich	Total Fat (g)	Total Calories
Hamburger		
Cheeseburger		
Quarter Pounder		
Quarter Pounder with Cheese		
Big Mac		
Arch Sandwich Special		
Arch Special with Bacon		
Crispy Chicken		
Fish Fillet		
Grilled Chicken		
Grilled Chicken Light		



- Draw a **line of best fit** for your data.
- What kind of correlation does your scatter plot have? _____
- What is the relationship between fat grams and the total calories in fast food

- A Whopper contains 27 grams of fat. How many total calories would you predict it has? _____

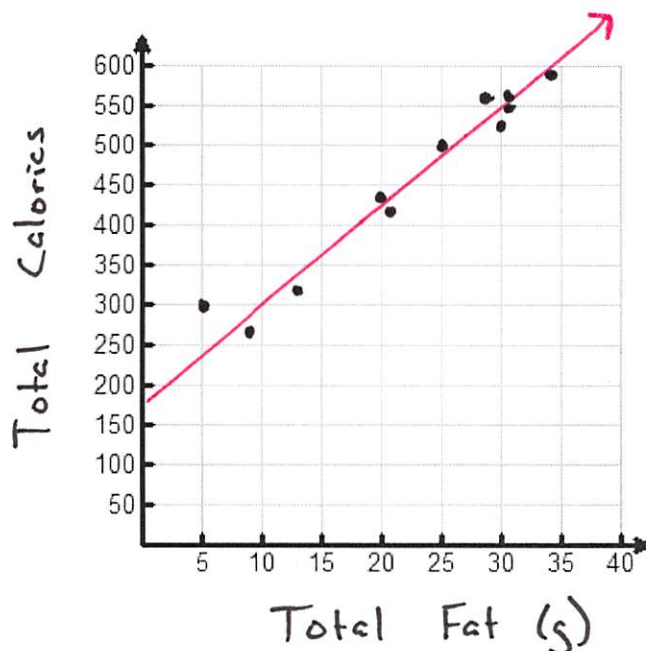
Scatter Plot

Is there a relationship between fat grams and the total calories in fast food?

Complete the table and plot the ordered pairs to create a Scatter Plot

Fat Grams Vs. Calories

Sandwich	Total Fat (g)	Total Calories
Hamburger	9	260
Cheeseburger	13	320
Quarter Pounder	21	420
Quarter Pounder with Cheese	30	530
Big Mac	31	560
Arch Sandwich Special	31	550
Arch Special with Bacon	34	590
Crispy Chicken	25	500
Fish Fillet	28	560
Grilled Chicken	20	440
Grilled Chicken Light	5	300



a. Draw a **line of best fit** for your data.

b. What kind of correlation does your scatter plot have? positive

c. What is the relationship between fat grams and the total calories in fast food

The more fat grams the food has, the more calories it has.

d. A Whopper contains 27 grams of fat. How many total calories would you predict it has? 510

Scatter Plot