

ALL PROBLEMS CAN BE COMPLETED ON THIS WORKSHEET

WS 28.1 - Scatter Plots 1

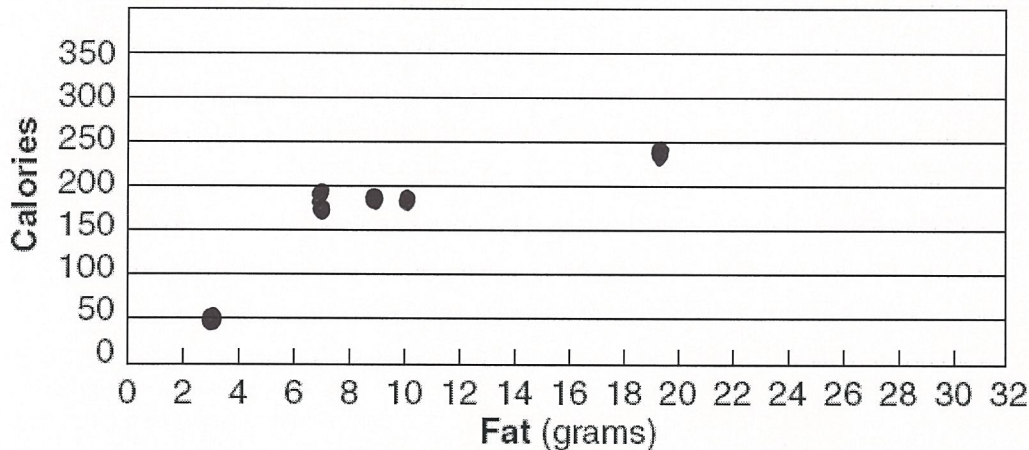
1. Use the given data to make a scatter plot.

Calories and Fat Per Portion of Meat & Fish

	Fat (grams)	Calories
Fish sticks (breaded)	3	50
Shrimp (fried)	9	190
Tuna (canned in oil)	7	170
Ground beef (broiled)	10	185
Roast beef (relatively lean)	7	165
Ham (light cure, lean and fat)	19	245

(3, 50)
(9, 190)
(7, 170)
(10, 185)
(7, 165)
(19, 245)

Calories and Fat Per Portion of Meat and Fish



Do the data sets have a positive, a negative, or no correlation?

2. The size of the bag of popcorn and the price of the popcorn

positive correlation

as size of bag goes up price goes up

3. The increase in temperature and number of snowboards sold.

negative correlation

as temperature goes up snowboards sold go down

4. Use the data to predict how much money Tyler would get paid for babysitting $7\frac{1}{2}$ hours.

Amount Tyler Earns Babysitting

Hours	1	2	3	4	5	6	7	8
Amount	\$4	\$8	\$12	\$16	\$20	\$24	\$28	\$32

Tyler would get paid \$ 30 for babysitting $7\frac{1}{2}$ hours.

↑
\$30