

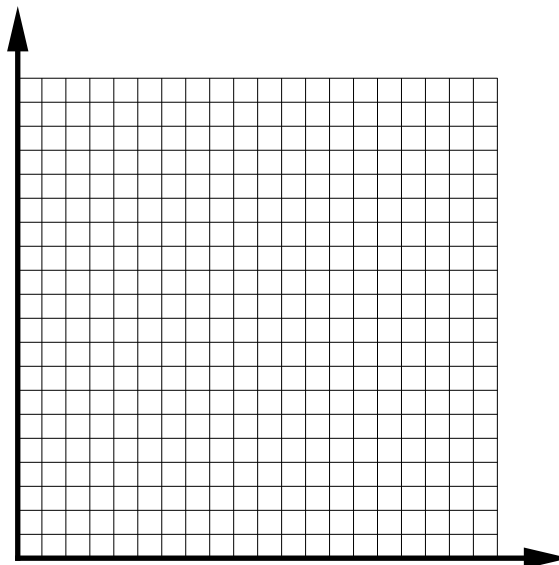
1. The table below shows how many fat grams there are in some hamburgers sold by national chain restaurants.*

Nutrition Facts

Burger	Saturated Fat (g)	Total fat (g)
Burger King "Big King"	18	43
Burger King "Double Cheesburger with Bacon"	18	39
Burger King "Whopper Jr."	8	24
Burger King "Whopper with Cheese"	16	46
Hardee's "The Works"	12	30
Jack in the Box "Jumbo Jack with Cheese"	14	40
McDonald's "Arch Deluxe with Bacon"	12	34
McDonald's "Big Mac"	10	28
Wendy's "Big Bacon Classic"	12	30
Wendy's "Single with Everything"	7	20

* Data is from Consumer Reports, 1997, p. 12 - 13

1) Draw a scatter plot of the data, where x is the number of grams of saturated fat and y is the total number of grams of fat.



Review problems:

6) Simplify the following:

a) $4(3 - 2x) - (5x - 8)$

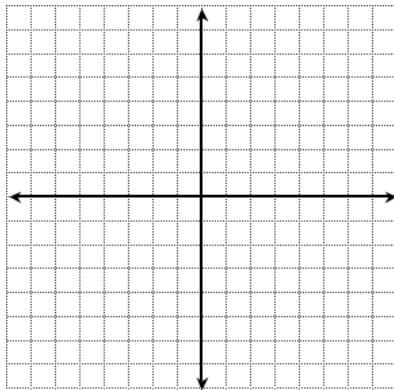
b) $3x(6x - 8) - 4(9 - 5x)$

7) Graph the following functions by making a table of at least five values.

a) $f(x) = 2x^2 - 4x + 2$

b) $g(x) = |x + 3| - 2$

x	y
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x	y
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