

# The Bottle Said, “What?!”: Fractions Using Sugar

Look at the following Coca-Cola label, there are 1) \_\_\_\_\_ grams of sugar.

Did you know that each gram is equal to  $\frac{1}{4}$  teaspoon of sugar? (Total g / 4 = tsp sugar)

Let's round to **40g** for the following problems, but don't forget the real number is **39g**.



Nutrition Facts	
Serving Size: 1 Can	
Amount Per Serving	
Calories 140	
	% Daily Value*
Total Fat 0g	0%
Sodium 45mg	2%
Total Carb. 39g	13%
Sugars 39g	
Protein 0g	
Not a significant source of fat cal., sat. fat, trans fat, cholest., fiber, vitamin A, vitamin C, calcium and iron.	
*Percent Daily Values are based on a 2,000 calorie diet.	

Caffeine Content: 34 mg

- Using the picture above, how many teaspoons of sugar are in 12 oz of Coca-Cola?
- How many teaspoons are in  $\frac{5}{8}$  of a can?
- If you bought 6 cans of Coca-Cola and shared 2 with a younger brother, how much sugar would be in his two cans? How many in your 4 cans?
- How many sugary beverages are you supposed to drink each day?



Adapted from the Palo Alto Medical Foundation

**Answer Key:**

1) 39

2) 10 tsp

3)  $6 + \frac{1}{4}$  tsp

4) 20 tsp; 40 tsp

5) 0