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ELENA FERNÁNDEZ BLANCO GABRIELA ABOY LÓPEZ



COCA-COLA EXPERIMENT: MEASURE OF THE CONCENTRATION OF CO2 PRESENT IN A BOTTLE

It is about the experience that measures the amount of gas present in a bottle of Coca-Cola by weight differential.

• Graphic 1:	n	Mass of CO2
969)	0	4.3
Mass of CO2 present in the bottle	1	3.9
5,0	2	3.3
4,5	3	2.7
4,0	4	2.0
3,5	5	1.7
2,5	6	1.4
2,0	7	1.1
1,5	8	0.9
1,0	9	0.5
0,0	10	0.2
0 2 4 6 8 10 12 14 16	11	0.1
	12	0.0
	13	0.0
	14	0.0



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Graphic 2: •





4	2.7
5	2.3
6	2.1
7	1.7
8	1.5
9	1.3
10	0.8
11	0.5
12	0.1
13	0.0
14	0.0



- First step: create a table and a list of dots.
 - Graphic 1:





- First step: create a table and a list of dots.
 - Graphic 2:





- Second step: analyse the pieces of information.
 - Graphic 1:





- Second step: analyse the pieces of information.
 - Graphic 2:





- Third step: create two sliders and a function.
 - Graphic 1:





- Third step: create two sliders and a function.
 - Graphic 2:





- Fourth step and result: modify the sliders and fit the function.
 - Graphic 1:





- Fourth step and result: modify the sliders and fit the function.
 - Graphic 2:







