

What are Ratios?

A ratio indicates how many times one number contains another.

For example, if there are eight oranges and six lemons in a bowl of fruit, then the ratio of oranges to lemons is eight to six. We write that as, 8:6, which is reduced to the ratio 4:3.



To solve word problems, you should make a ratio chart. For example, if they had told you that the ratio of oranges to lemons was 4:3 and the total was 14, how would you find out how many of each you actually have?

	Oranges	Lemons	Totals
Ratio:	4	3	7
Rule:	x 2	x 2	x 2
Totals:	8	6	14

Step 1: Add up the total of the ratios

Step 2: What is the rule? To get to 14 from 7 we multiply by 2, that is our rule for the entire chart

Step 3: using the rule we can find our totals for the specific items