

pr12 - Paint My Room

Problem:	Nick is going to paint some walls in his school different colors. He knows that one-gallon of paint will cover 300 square feet. You need to calculate how many gallons of each color of paint he needs to buy.
Input:	The first line of the data set is an integer that represents the number of lines that follow. Each of the remaining lines contains the color, length, and height of his room followed by the number of square feet that is taken up by windows and doors. All dimensions will be integers.
data file:	pr12
Output:	Output the color of the room followed by the numbers of gallons of paint he needs to buy followed by "GALLON(S)".
Assumptions:	Paint only comes in one-gallon containers so if he needs 1.2 gallons, he must buy 2 gallons.
Sample Input:	<pre>3 RED 18 24 50 GREEN 21 18 35 BLUE 22 54 108</pre>
Sample Output:	<pre>RED 2 GALLON(S) GREEN 2 GALLON(S) BLUE 4 GALLON(S)</pre>