This book has permission to use the "N&K method of COLORS".

3) ***Question****: The day after Halloween, John ate* r *candies per hour for 7 hours and Jim ate* s *candies per hour for 8 hours. From the choices below, which of the following is the correct answer for the total number of candies eaten by John and Jim on the day after Halloween?*

A) 15rs *changed*
B) 56rs
C) 7r + 8s
D) 8r + 7s

For speed, while solving something similar, only THINK the words in blue;
WRITE only the words in other COLORS.

Solution:
Given The day after Halloween,
1) John ate r *candies per hour for 7 hours*
2) Jim ate s *candies per hour for 8 hours*
Solve/Find "Total number of candies eaten by John and Jim on the day after Halloween?"

Solution:
Road Map of Solution:
First, Find the total number of candies eaten by John.
Second, Find the total number of candies eaten by Jim.
Then, Add them up to get the final number.

Total number of candies eaten by John = r candies per hour for 7 hours
= r+r+r+r+r+r+r
Total number of candies eaten by John = 7r ..... equation # 1

Total number of candies eaten by Jim = s candies per hour for 8 hours
= s+s+s+s+s+s+s+s
Total number of candies eaten by Jim = 8s ..... equation # 2

To get the answer, we need to add RHS of equation #s 1 & 2.

Total number of candies eaten by John and Jim on the day after Halloween?
= 7r+8s ..... Answer