4) Question: A delivery person for a courier company, drives a certain number of miles each 5 day work week. At the end of each weekday, the approximate remaining number of miles that the driver still needs to drive for that week can be guesstimated from the equation below.

$M = 1025 - 205n$

where, M = number of miles left to be driven that week;
n = number of work days, the delivery person has worked so far this week.

What does 1025 mean in the above equation?

The delivery person drives approximately

A) 1025 miles per day. *Change ?*
B) 1025 miles per week.
C) 205 miles per week.
D) 1025 miles per month.

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