

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

## N&K method of following the COLORS (see Sample # 1 on the following two pages)

1) To make it easier to follow changes, where feasible, the different parts of equations and text stay aligned from one step to the next.

2) To make important changes more noticeable, multiple COLORS (fonts and highlights) are used with aligned equations and text.

3) The description in blue font is ONLY to indicate, how to think through the solution to a question. The blue font can be seen on the following page. How to THINK the solution? ([click here](#)) & The blue font is missing on the 2<sup>nd</sup> page following. What to WRITE to get the Answer. ([click here](#))

4) For EXAMPLE, on the following page,

green, in this solution,  
highlights the change,  
"percent" to  
"%" to  
"\*  $\frac{1}{100}$ "

light blue, in this solution,  
highlights the change,  
"of" to  
"\*.  
where \*= multiplication sign.

5) Sometimes, due to lack of space, when things have to be moved around, perfect vertical alignment is not possible. In those cases, the highlighted colors help keep things in perspective.

6) When you see a step with same color highlights on both sides of the equation, it is there to indicate something that has been done simultaneously to both sides of an equation.

7) In another solution, these colors (or additional colors) may be used to highlight a DIFFERENT set of changes.

The above make it easy to follow, track and understand the changes taking place, from one step to the next.

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In addition to the "N&K method of following the COLORS" described above, the book also uses traditional highlighting (yellow) to make things stand out.

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**Sample Question # 1 & Solution:** Compare "Column A" with "Column B".  
Is "Column A" greater than, less than or equal to "Column B"? How to **THINK** the solution?

**Column A**

**Column B**

21 percent of 91      91 percent of 21

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

If you want to understand how to get the most out of this unique book, please compare & contrast the following pages;

(How to **THINK** the solution; current page) and  
(What to **WRITE** to get the answer; next page [click here](#))

**Road Map:**

Solve the two values and compare

**Solution:**

$$\begin{array}{r} 21 \text{ percent of } 91 \\ 21 \% \text{ of } 91 \\ 21 \times \frac{1}{100} \times 91 \\ \hline 21 \times 1 \times 91 \\ \hline 100 \\ \hline 21 \times \qquad \qquad 91 \\ \hline 100 \end{array}$$

$$\begin{array}{r} 91 \text{ percent of } 21 \\ 91 \% \text{ of } 21 \\ 91 \times \frac{1}{100} \times 21 \\ \hline 91 \times 1 \times 21 \\ \hline 100 \\ \hline 91 \times \qquad \qquad 21 \\ \hline 100 \end{array}$$

Answer: 21% of 91 is equal to  
91% of 21.  
i.e. The quantities are equal.

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**Sample Question # 1 & Solution:** Compare "Column A" with "Column B".  
Is "Column A" greater than, less than or equal to "Column B"? How to **WRITE** the solution?

**Column A**

21 percent of 91

**Column B**

91 percent of 21

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(What to **WRITE** to get the answer; current page)

**Solution:**

$$21 \times \frac{1}{100} \times 91$$

$$\frac{21 \times 91}{100}$$

$$91 \times \frac{1}{100} \times 21$$

$$\frac{91 \times 21}{100}$$

*Answer: 21% of 91 is equal to  
91% of 21.  
i.e. The quantities are equal.*