

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; on page 5; next page [click here](#))

Road Map:

Solve the two values and compare

Solution:

To convert “x%” to “a fraction”,
we need to write, “x times $\frac{1}{100}$ ”
i.e. “x \times $\frac{1}{100}$ ”

Therefore,
To convert “21%” to “a fraction”,
we will write, “21 times $\frac{1}{100}$ ”
i.e. “21 \times $\frac{1}{100}$ ”

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

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

Answer: The quantities are equal

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: The quantities are equal