

A LOGIC PUZZLE HAD TWO ANSWERS!! – A DEBATABLE QUESTION ON INTERNET

[GO BACK TO INDEX](#)

#LogicQuest #LogicalAbilityEnhancingQuestions #VedicMathWorld #VMLS

Dear all,

This column is basically denoted to some logics which are very famous on entire world of internet. Today, we are going to share a question, which has two answers and logically they both are correct. You might feel, this can not be possible. But, it is absolutely true!

The question is as follows:

$$1 + 4 = 5$$

$$2 + 5 = 12$$

$$3 + 6 = 21$$

$$8 + 11 = ?$$

The above question has taken a toll of everyone on internet. Why? Because it has two correct logics to get two different answers! This reason was enough to have a great heated argument between two groups defending their logic. People who got same answers naturally supported the other fellow mates and so on. Very few could reach to the first answer i.e. logic explained in the solution 1. Let's understand the logic here.

First of all, you find out the answer of the above question yourself.

The two answers to this puzzle are 40 and 96. How can one question have two correct answer? The entire solution stepwise shall be shown in this article.

Solution#1:

$$1 + 4 = 5 \quad \text{-----} \quad (1 \times 4) + 1 = 5$$

$$2 + 5 = 10 \quad \text{-----} \quad (2 \times 5) + 2 = 12$$

$$3 + 6 = 21 \quad \text{-----} \quad (3 \times 6) + 3 = 21$$

$$8 + 11 = ? \quad \text{-----} \quad (8 \times 11) + 8 = 96$$

Thus, logic for the very first solution is decoded like as follows:

If the given numbers given are A, B and C. The operations of the numbers were like,



$A + B = C$ then, $C = (A \times B) + A$

This way the answer got is 96.

GO BACK TO INDEX

Solution#2:

$$\begin{array}{rcl} 1 + 4 = 5 & \text{-----} & 1 + 4 + 0 = 5 \\ 2 + 5 = 10 & \text{-----} & 2 + 5 + 5 = 12 \\ 3 + 6 = 21 & \text{-----} & 3 + 6 + 12 = 21 \\ 8 + 11 = ? & \text{-----} & 8 + 11 + 21 = 40 \end{array}$$

Thus, logic for the second solution is decoded like as follows:

If the given numbers given are A, B, C, D, E and F. The operations of the numbers were like,

$$A + B = C$$

$$D + E = F = D + E + (C)$$

This way, we got the answer 40.

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So, It is nothing unusual to get two correct answers as this question was based on finding the pattern of the logic with which the numbers come up.

However, many intellectuals have agreed upon the point that both the answers can be correct since it was not a math puzzle but a logic puzzle. And, when logic goes correct in series, there is no point of denying any of the answers. So, '40' and '96' – both are correct answers in its own way of logical representation.

Hope you enjoyed this article.

To know more and to watch the video about this article please click the link given below.

<https://youtu.be/DalhExoTUGA>

Increase upon your logical ability enthusiastically. **We are with you in this!**