

OPEN NUMBER SENTENCES

What Are Open Number Sentences?

- Open number sentences are equations that give one part of the equation along with the answer.
- In order to solve an open number sentence, the inverse operation is used.

How to solve open number sentences:

- When solving an open number sentence, first look at the operation that is being used in the number sentence. **The inverse**



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- If it is a subtraction problem, you will need to use addition.

For example:

Solve $\underline{\quad} - 8 = 4$

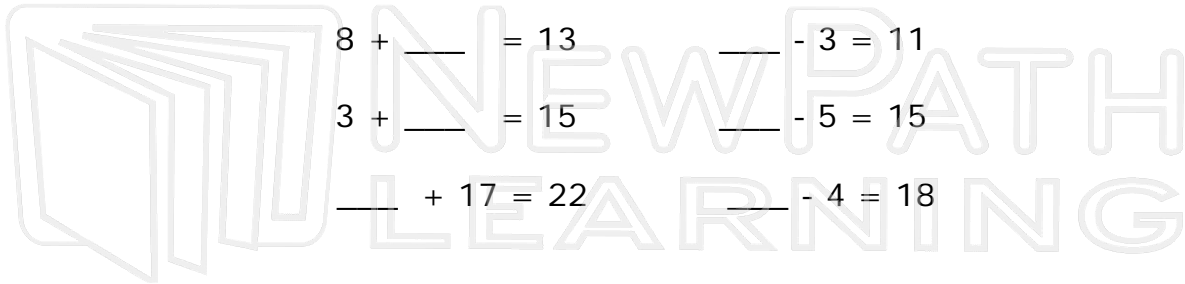
To find the missing part of the equation, you will need to add 8 to both sides.

$$\begin{array}{r} - 8 = 4 \\ +8 \quad +8 \end{array}$$

By adding 8 to both sides, you see the answer is 12! $12 - 8 = 4$

Try This!

Fill in the correct answer for each open number sentence.


$$\begin{array}{r} 8 + \underline{\quad} = 13 \\ 3 + \underline{\quad} = 15 \\ \underline{\quad} + 17 = 22 \end{array} \qquad \begin{array}{r} \underline{\quad} - 3 = 11 \\ \underline{\quad} - 5 = 15 \\ \underline{\quad} - 4 = 18 \end{array}$$


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