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**

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

    For example:

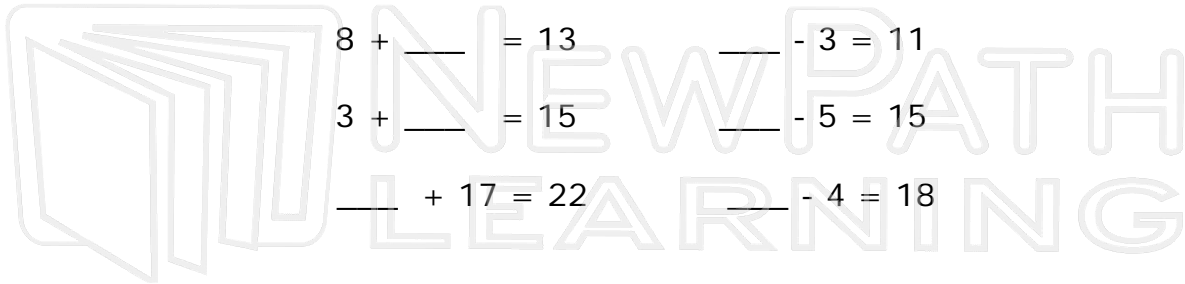 $$\text{Solve} \quad \underline{\hspace{1cm}} - 8 = 4$$

    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.

8 + ____ = 13   ____ - 3 = 11

3 + ____ = 15   ____ - 5 = 15

____ + 17 = 22   ____ - 4 = 18