

## 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 operation will need to be used.**
- If it is an addition problem, you will need to use subtraction.

For example:

To find  
from both



**PREVIEW**

Please login or register to download the printable version of this study guide.

[www.newpathlearning.com](http://www.newpathlearning.com)

subtract 5

By subtracting 5 from both sides, we find that the answer is 2!  $5 + 2 = 7$

- 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.

$8 + \underline{\quad} = 13$

$\underline{\quad} - 3 = 11$

$3 + \underline{\quad} = 15$

$\underline{\quad} - 5 = 15$

$\underline{\quad} + 17 = 22$

$\underline{\quad} - 4 = 18$

**PREVIEW**

Please login or register to download the  
printable version of this study guide.

[www.newpathlearning.com](http://www.newpathlearning.com)