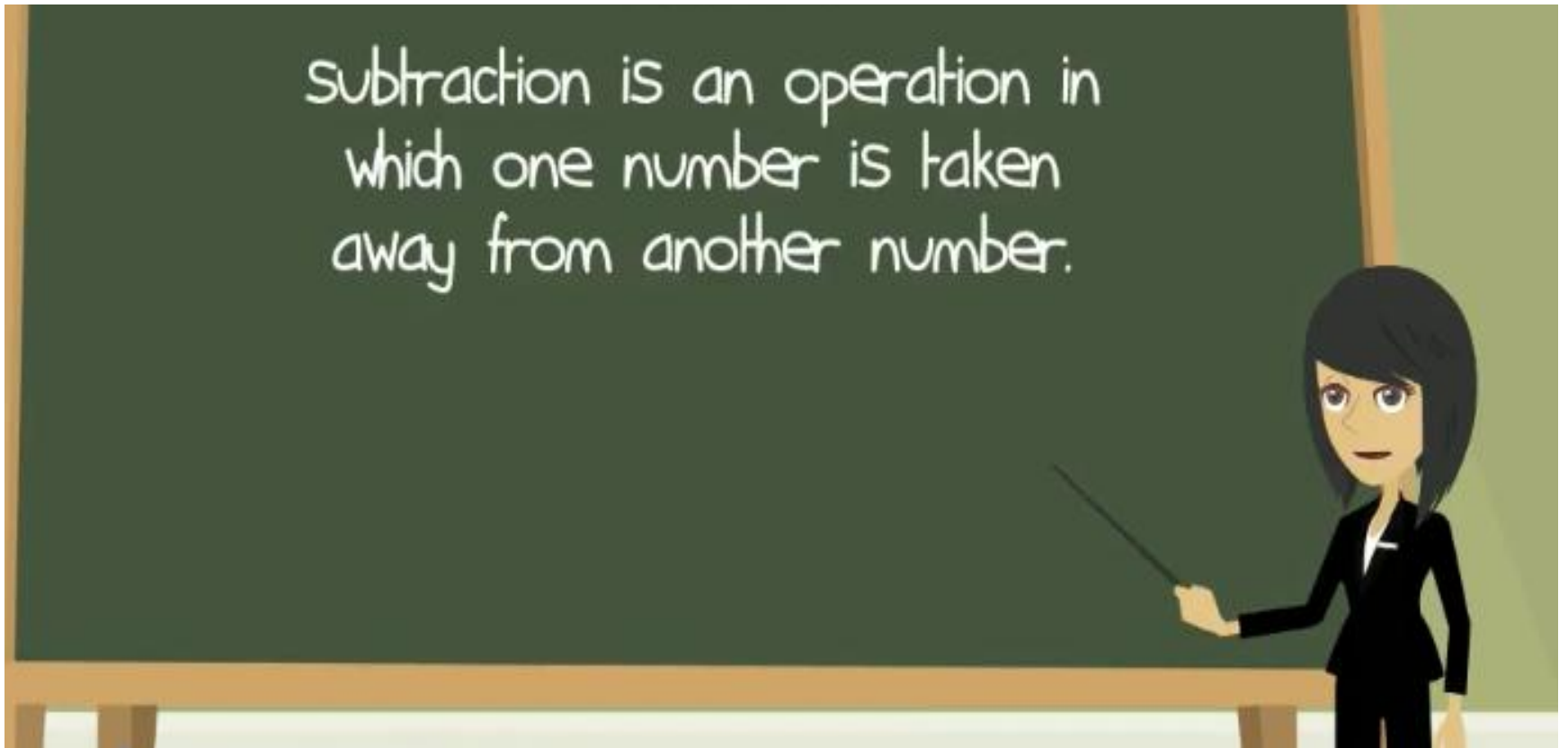


# 5 Things To Know About Subtraction

---

# One

subtraction is an operation in which one number is taken away from another number.



# For Example

$$9 - 6 = 3$$



# Two

Two:

A number subtracted  
from itself is equal to  
zero.

ALWAYS



# Example

$$3-3=0$$

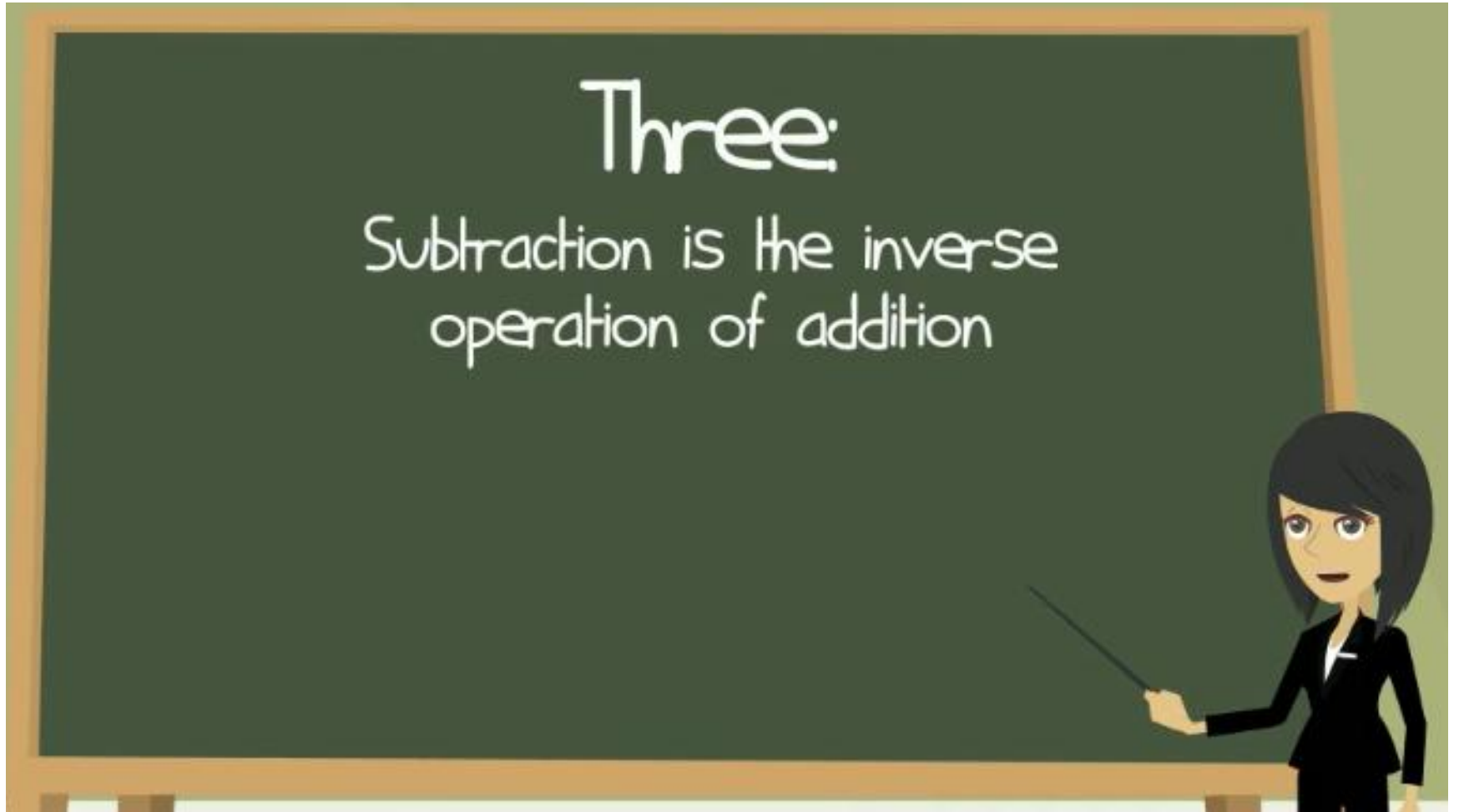
$$5-5=0$$

$$1,895,286 - 1,895,286 = 0$$

# Three

Three:

Subtraction is the inverse  
operation of addition



# That is, IF...

$$4 + 3 = 7, \text{ then..} \quad 7 - 4 = 3$$

$$19 + 5 = 24, \text{ then..} \quad 24 - 5 = 19$$

# Four

Four:

If the digit you are subtracting is larger than the digit you are subtracting from, you have to borrow a 1 from the next column to the left.





# Say you have...

$$\begin{array}{r} 23 \\ - 9 \\ \hline \end{array}$$

You can't subtract 9 from 3

But you CAN subtract 9 from 13!

# Five

Five:

Because you are borrowing one from the column to the left, you have to take it away from that column.



Again, let's look at

Five:

$$\begin{array}{r} 23 \\ - 9 \\ \hline \end{array}$$



**Borrow from the from the  
column to the left**

Five:

$$\begin{array}{r} 1 \\ \cancel{2}3 \\ - 9 \\ \hline \end{array}$$



Since you borrowed from the  
10's

Five:

$$\begin{array}{r} 113 \\ ~~23~~ \\ - 9 \\ \hline \end{array}$$



# Or you can

Think of it this way

$$23 = 10 + 13$$

$$\begin{array}{r} 23 \\ -9 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -9 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 10 \\ +4 \\ \hline 14 \end{array}$$

