

Learning Algebra

In algebra, a letter is used to represent an unknown number.

Take a number

n

lets call this number 'n'

double it

$2 \times n$

(times it by 2)

add 3

$2n+3$

If 'n' was 4, then $2n+3 = 11$.
This is called an equation.

Solving an algebra equation

Solving an algebra equation means finding the value of the letter. To do this, we do the steps above in reverse.

subtract 3

$(2n+3) - 3$
 $11-3$

half it

$2n \div 2$
(divide by 2)

you are then left
with just 'n'

n

if $2n+3 = 11$

$2n = 8$

$n = 4$