

# The value of $n$

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## Annotation

Aiden can solve problems that use the algebraic convention of letter symbols, and he can explain his understanding of the given notation.

## Problem: The value of $n$

The teacher shows the student the following problem, reading it to them as required, and asks the student to solve the problem:

*If  $n = 12$ , then what is the value of  $3n$ ?*

## Student Response

Aiden: Thirty-six.

Teacher: Tell me about why you think that.

Aiden: It's like saying the " $n$ ", or the number, is twelve, so three times the " $n$ ", or the number, will be something. That's the  $3n$ .