

# Evaluating and Solving Formulas

MATH 101 *College Algebra*

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# Introduction

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## Example

distance = velocity  $\times$  time

$$d = v t$$

# Evaluating Formulas

Sometimes we are given all but one of the values in a formula and we merely need to solve the remaining quantity.

## Example

The perimeter of a triangle is 38 feet. One side is 5 feet long and another side is 18 feet long. How long is the third side?

# Solving Formulas

Sometimes we want to solve for a certain quantity in a formula without substituting in values for the other quantities. In this case treat the other quantities as constants.