Formulas and Applications:

A formula is an **equation** commonly used to express a **specific relationship mathematically** such as \( A = lw \)

Area = length \( \times \) width

To evaluate a formula we **substitute** values for variables and **simplify**.

\[ i = p \cdot r \cdot t \]

Interest = principal \( \cdot \) rate \( \cdot \) time

Geometric Formulas:

Perimeter, \( P \), is the sum of the lengths of the sides of a figure.

Area is total surface \( w/i \) boundaries and is measured in square units.

A quadrilateral is a 4-sided figure.