

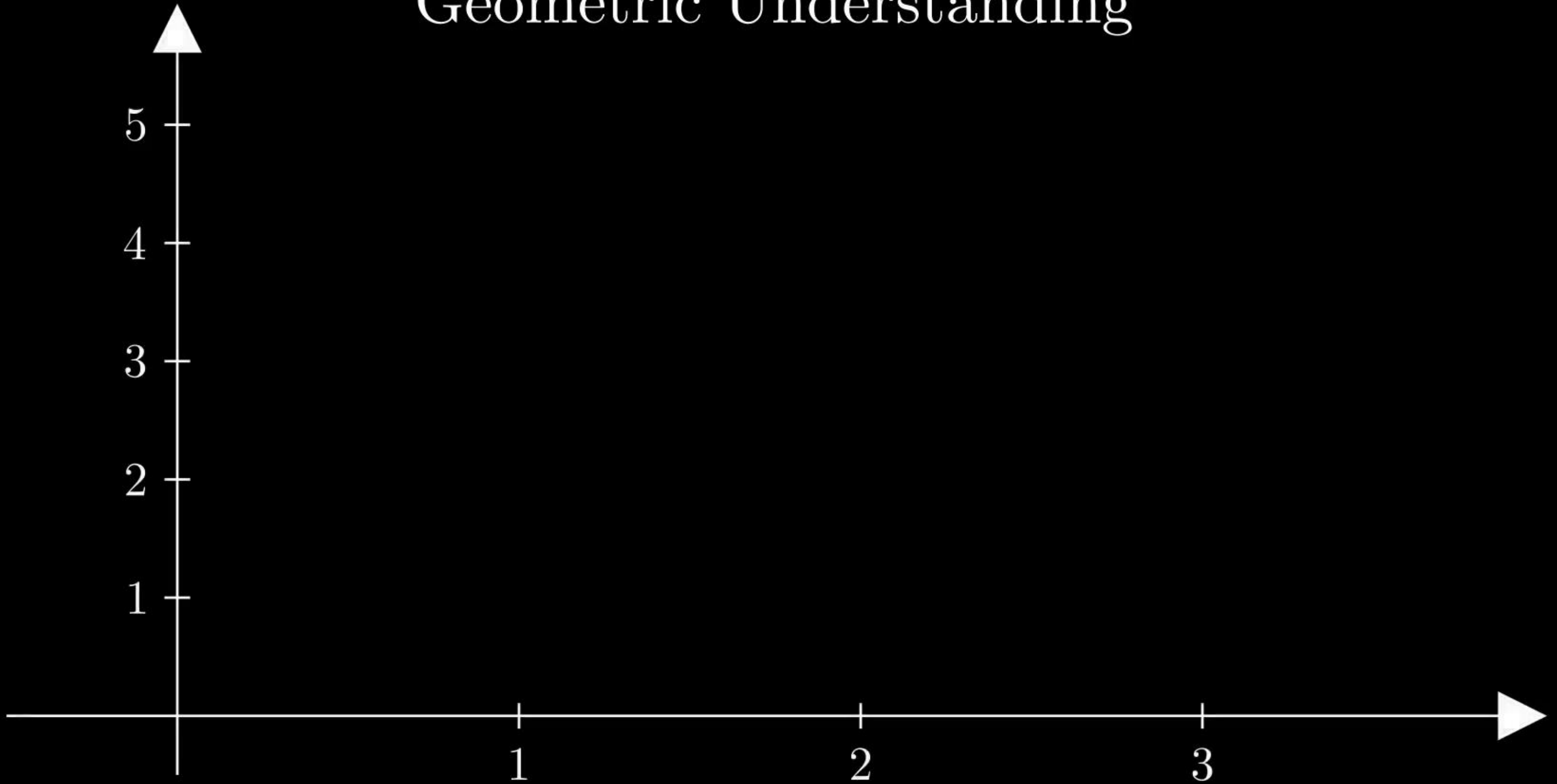
# Fundamental Theorem of Calculus

# Fundamental Theorem of Calculus

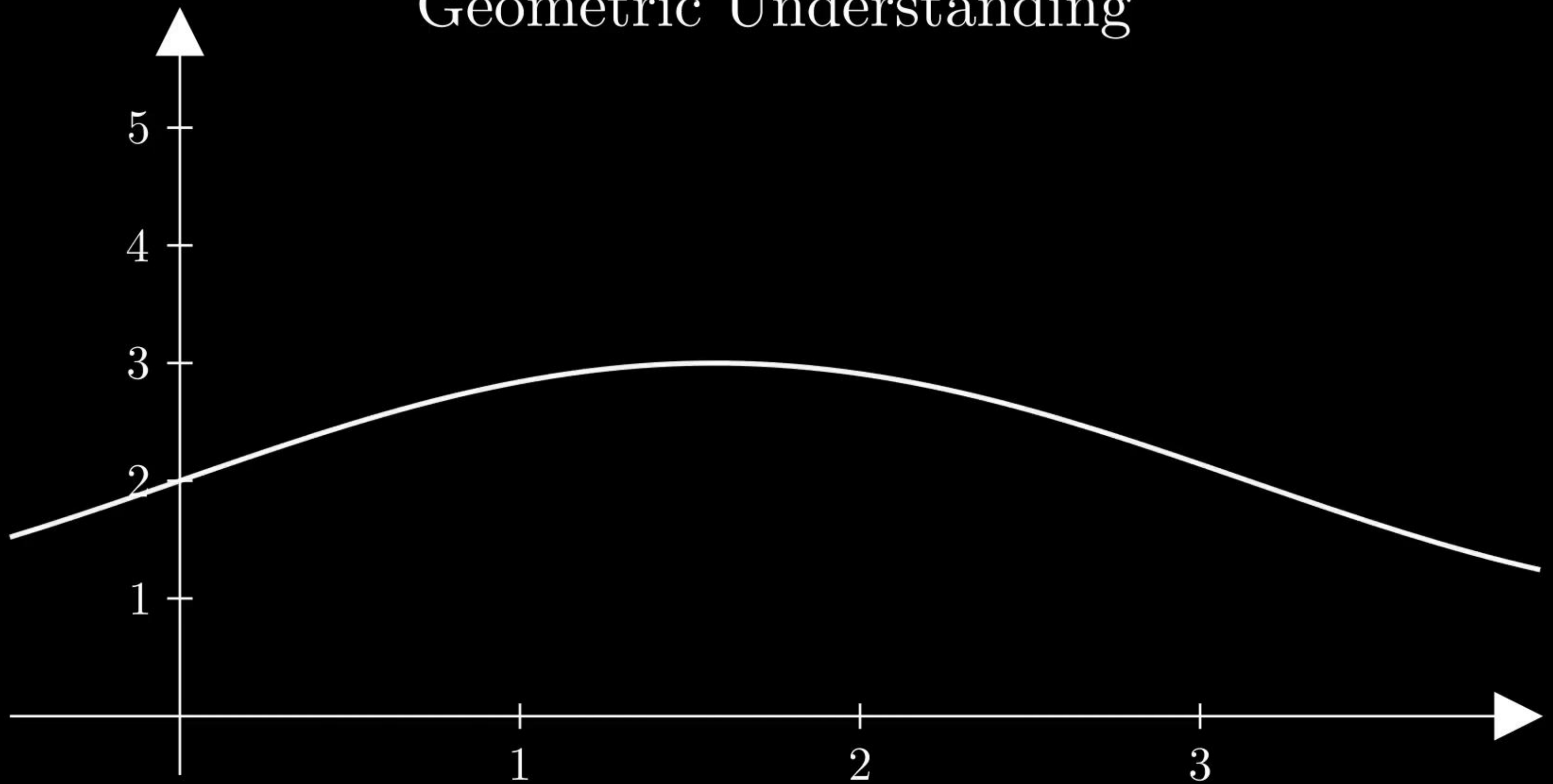
1. Geometric understanding
2. Creating Integration Rules

# Geometric Understanding

# Geometric Understanding

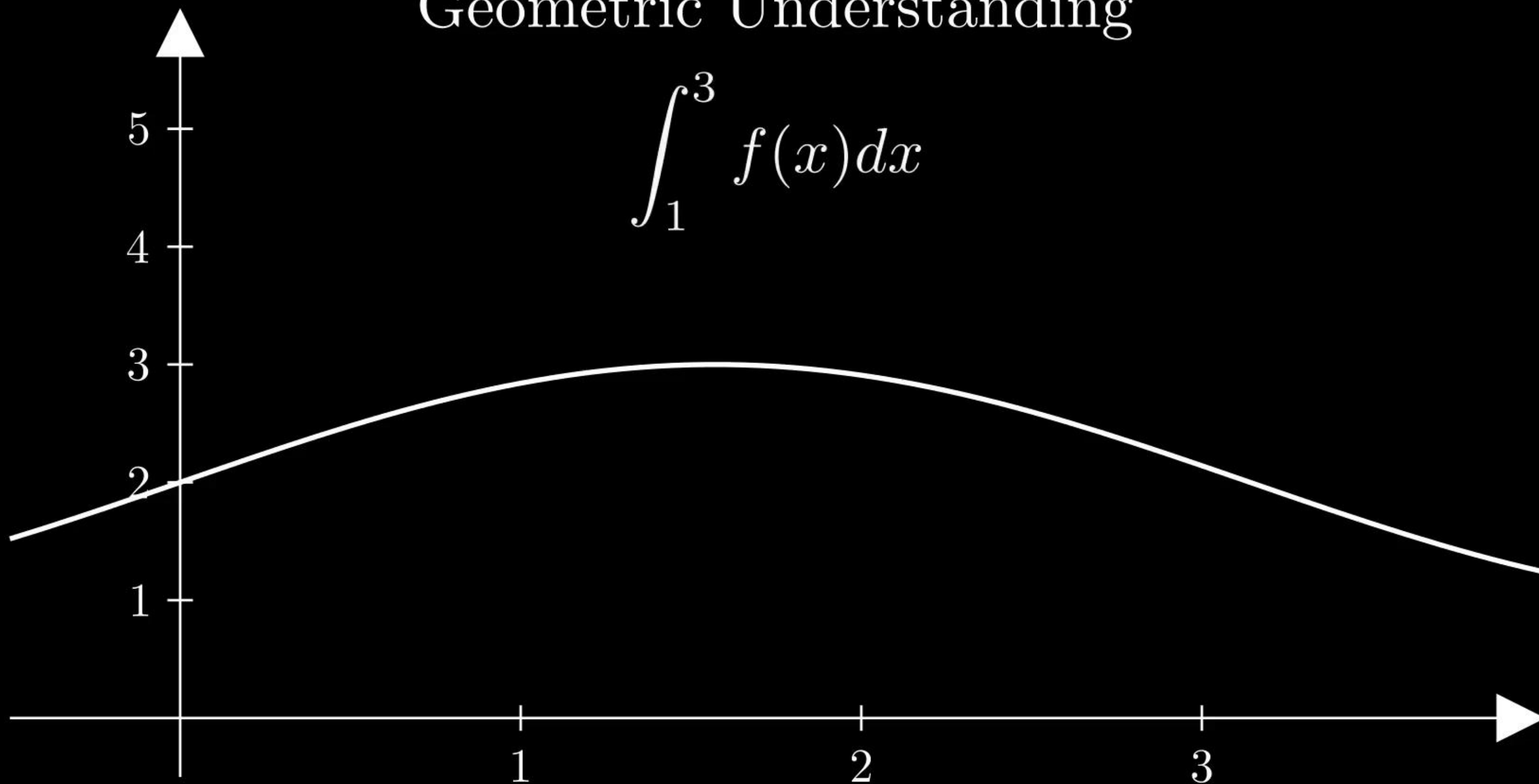


# Geometric Understanding



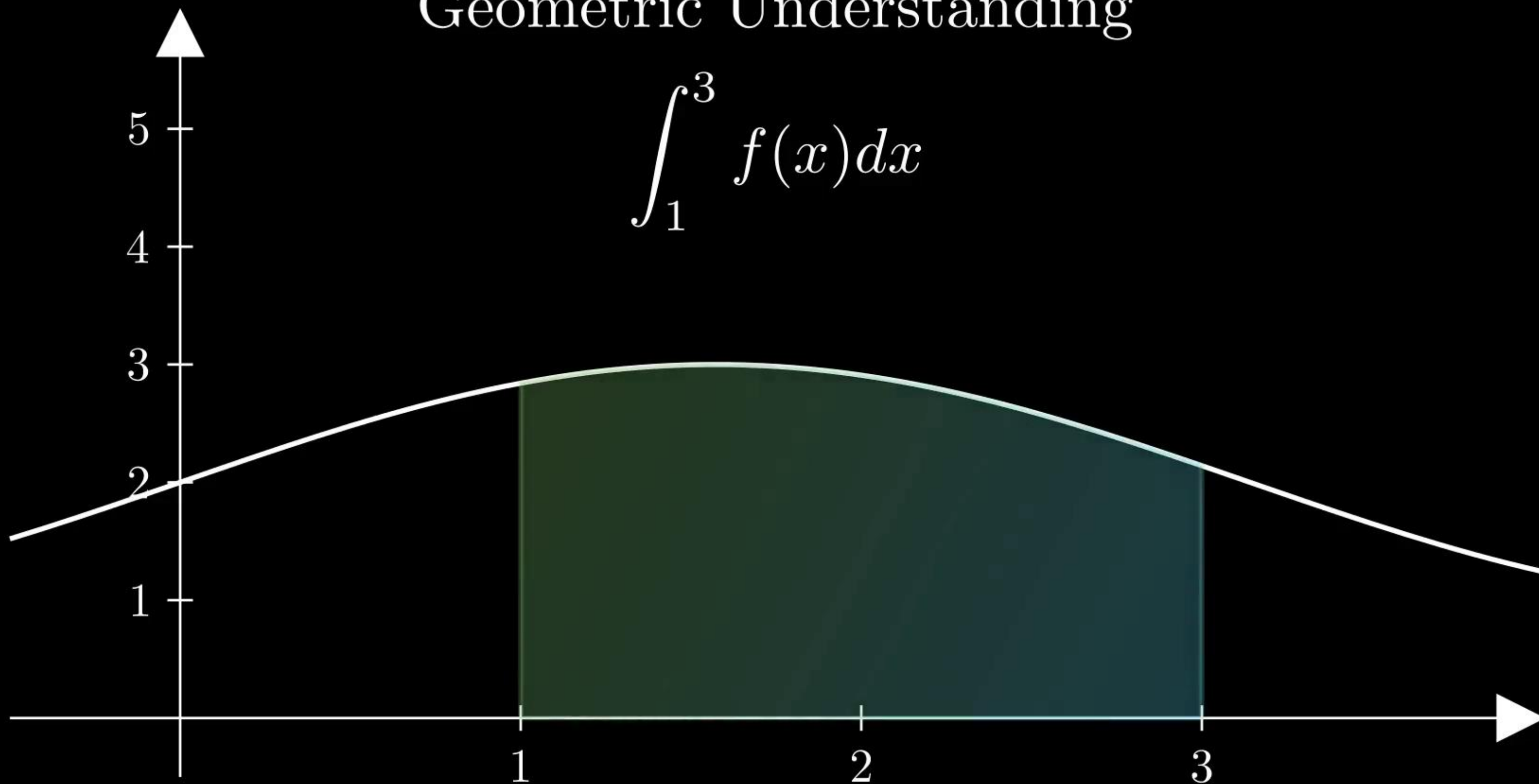
# Geometric Understanding

$$\int_1^3 f(x) dx$$



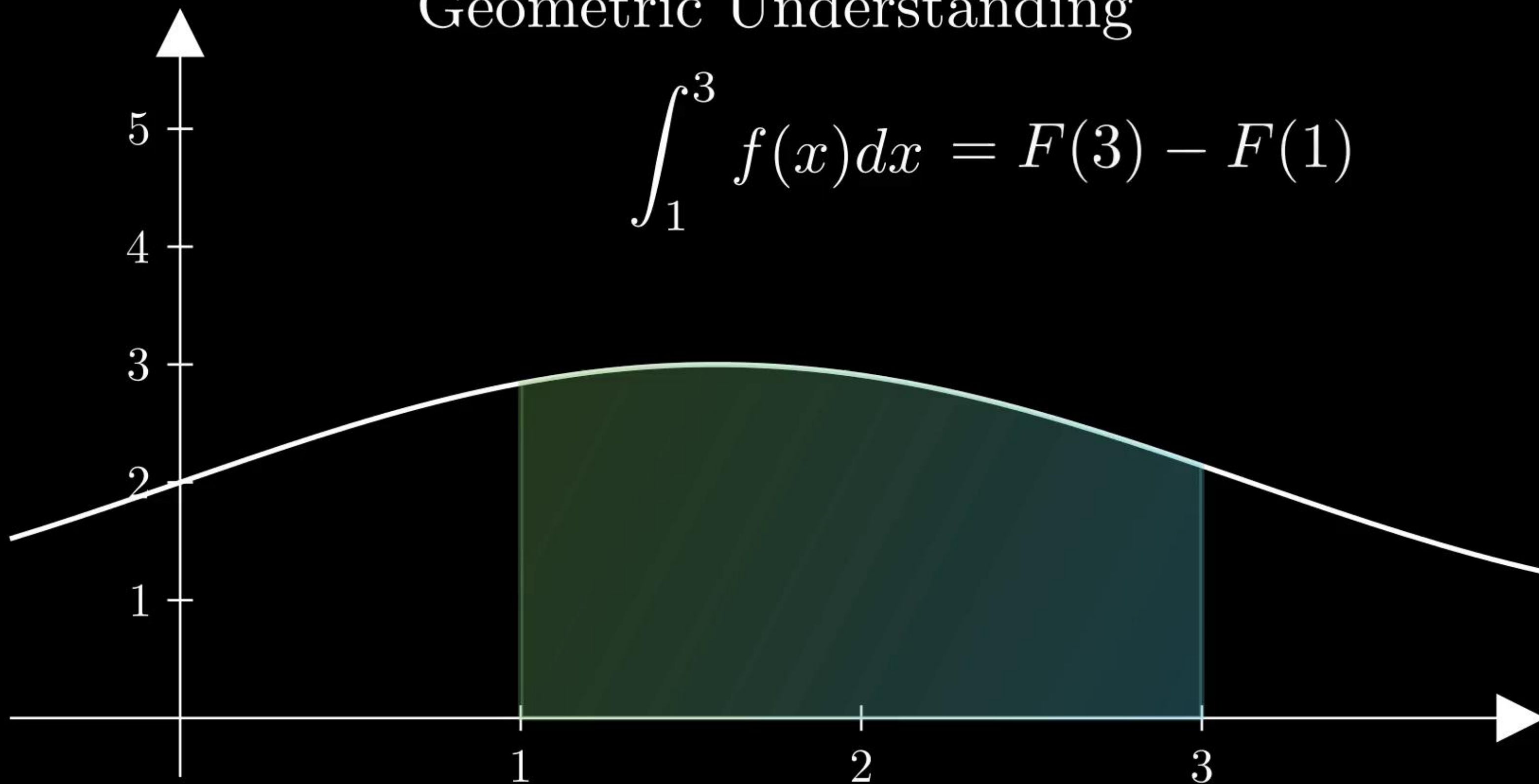
# Geometric Understanding

$$\int_1^3 f(x) dx$$



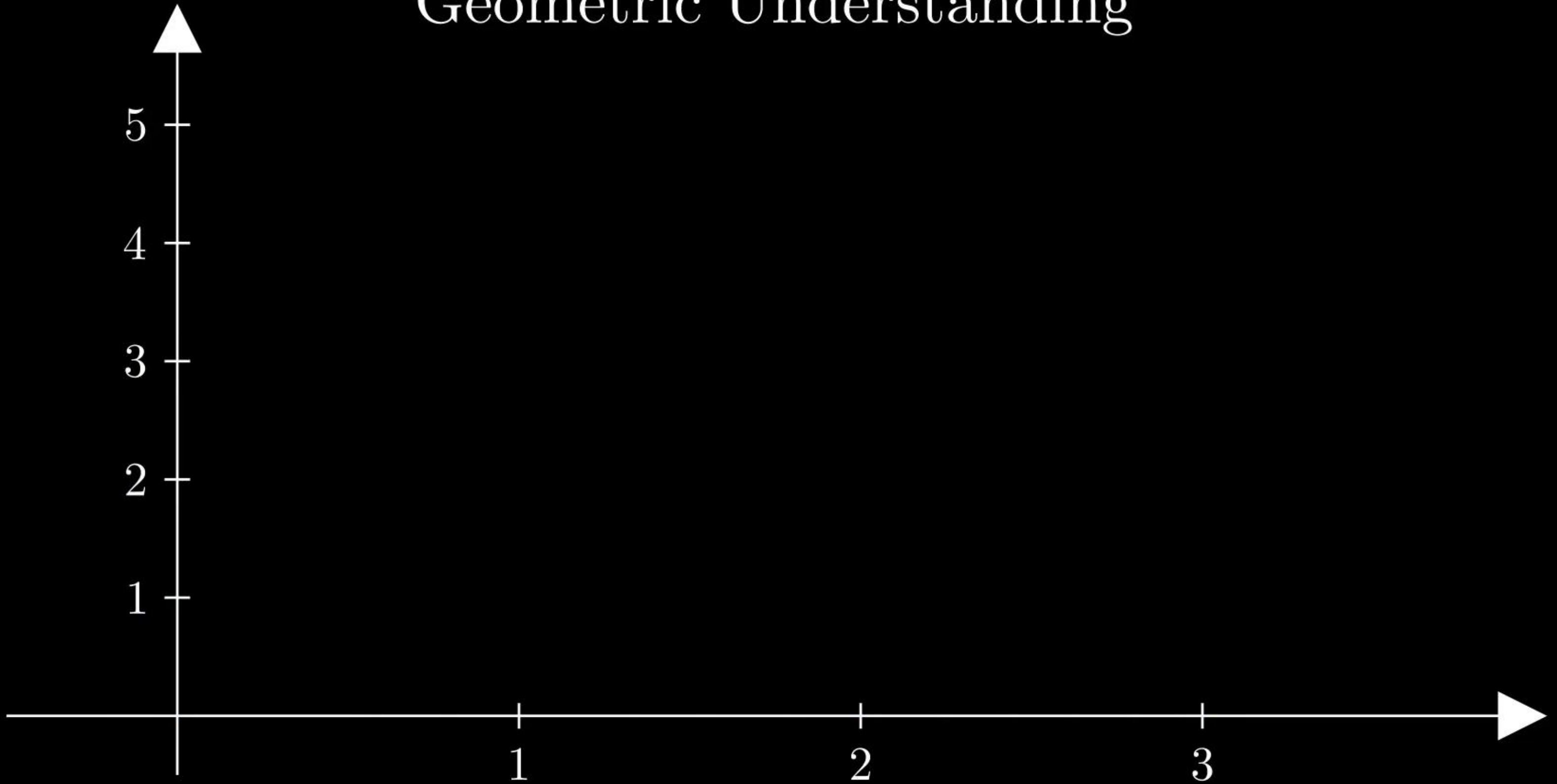
# Geometric Understanding

$$\int_1^3 f(x) dx = F(3) - F(1)$$



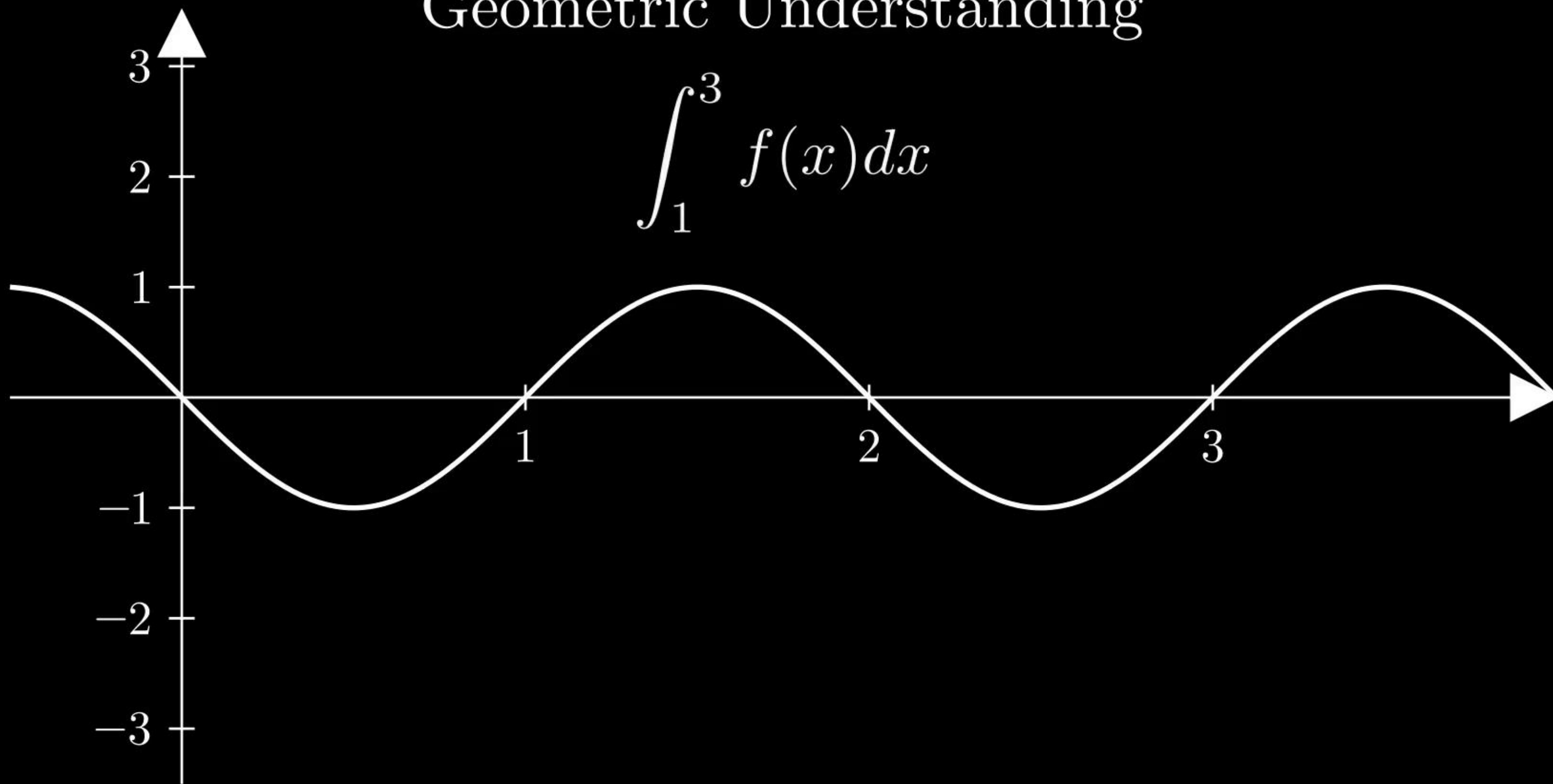


# Geometric Understanding



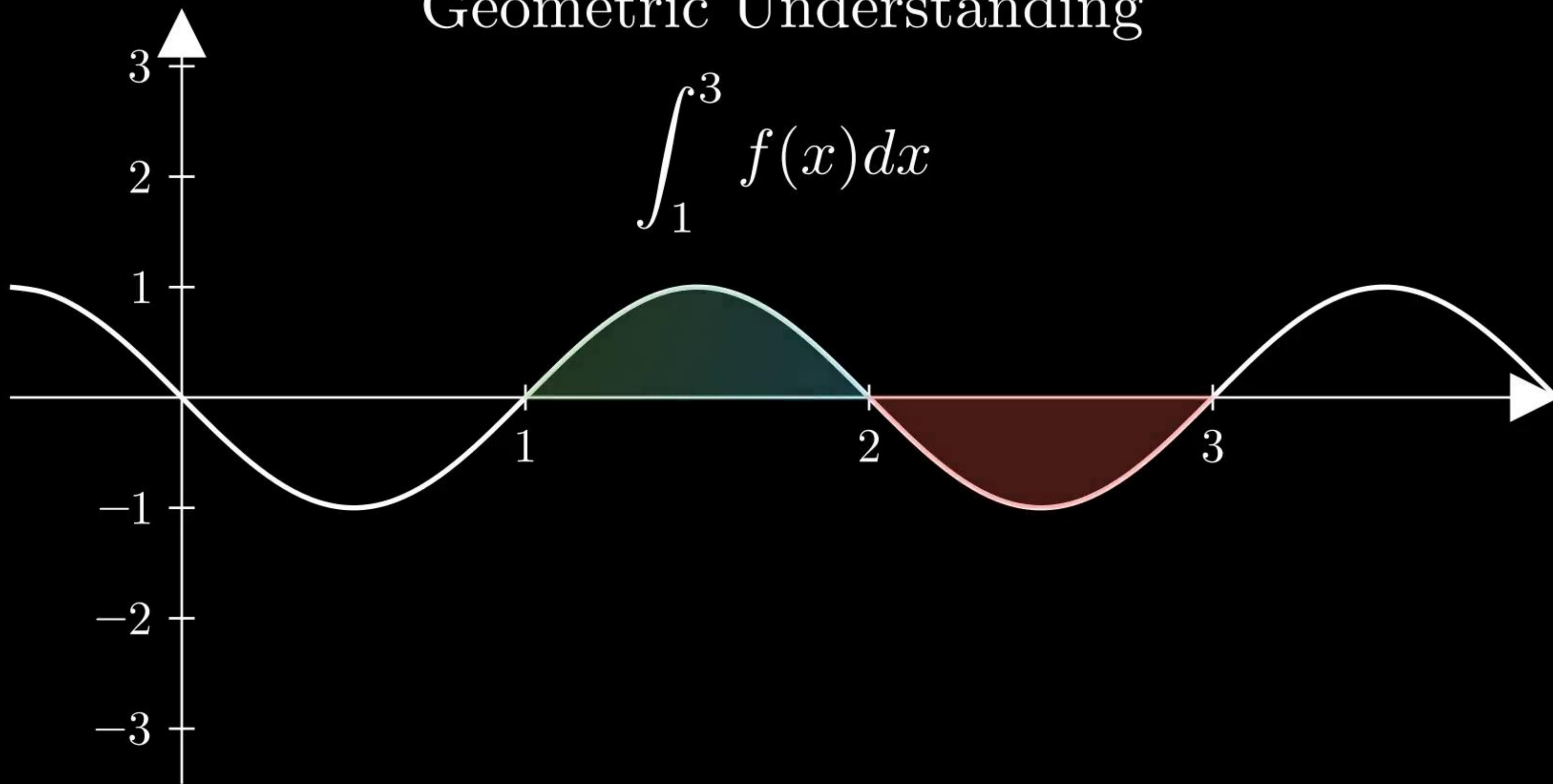
# Geometric Understanding

$$\int_1^3 f(x) dx$$



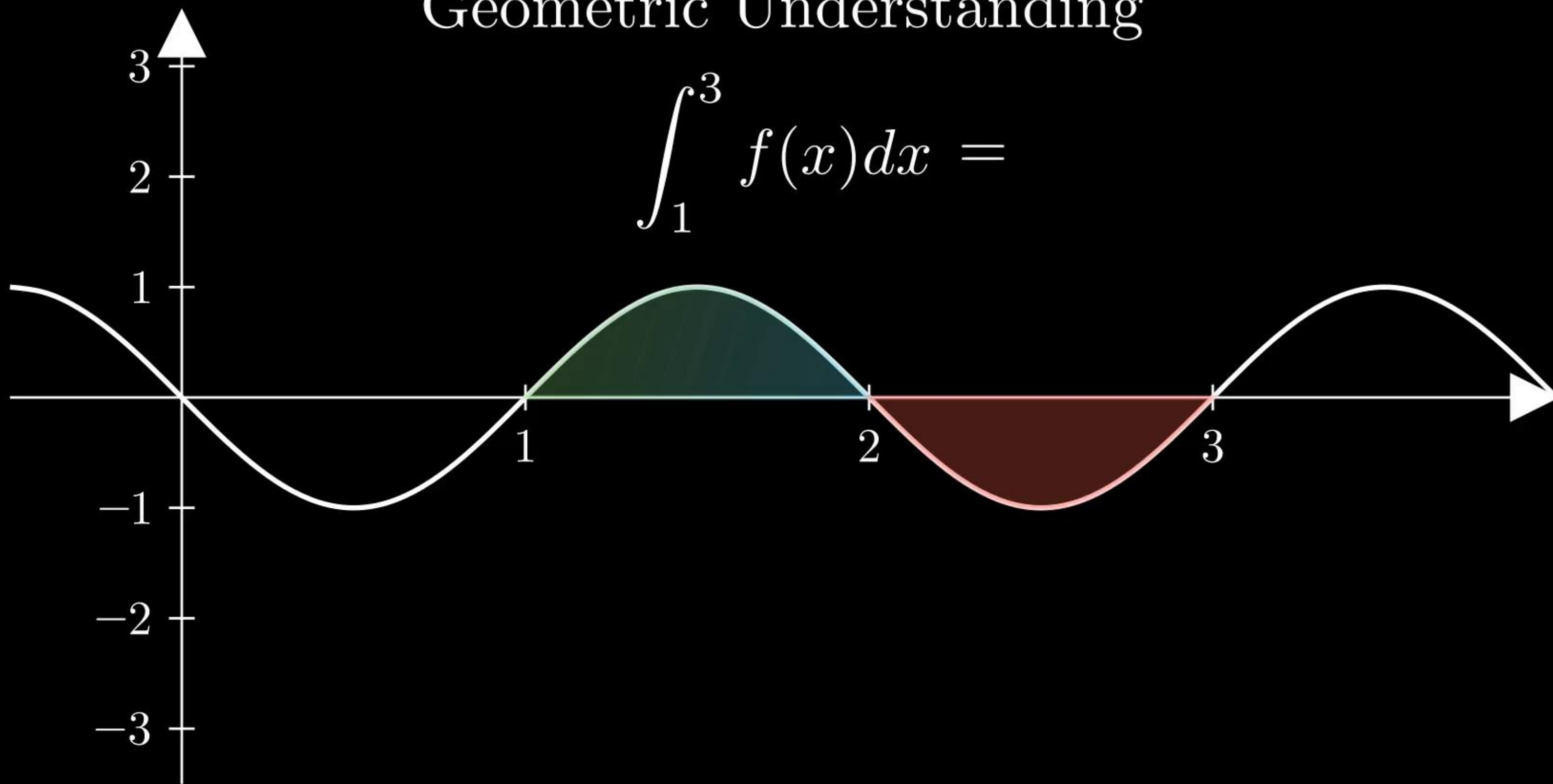
# Geometric Understanding

$$\int_1^3 f(x) dx$$



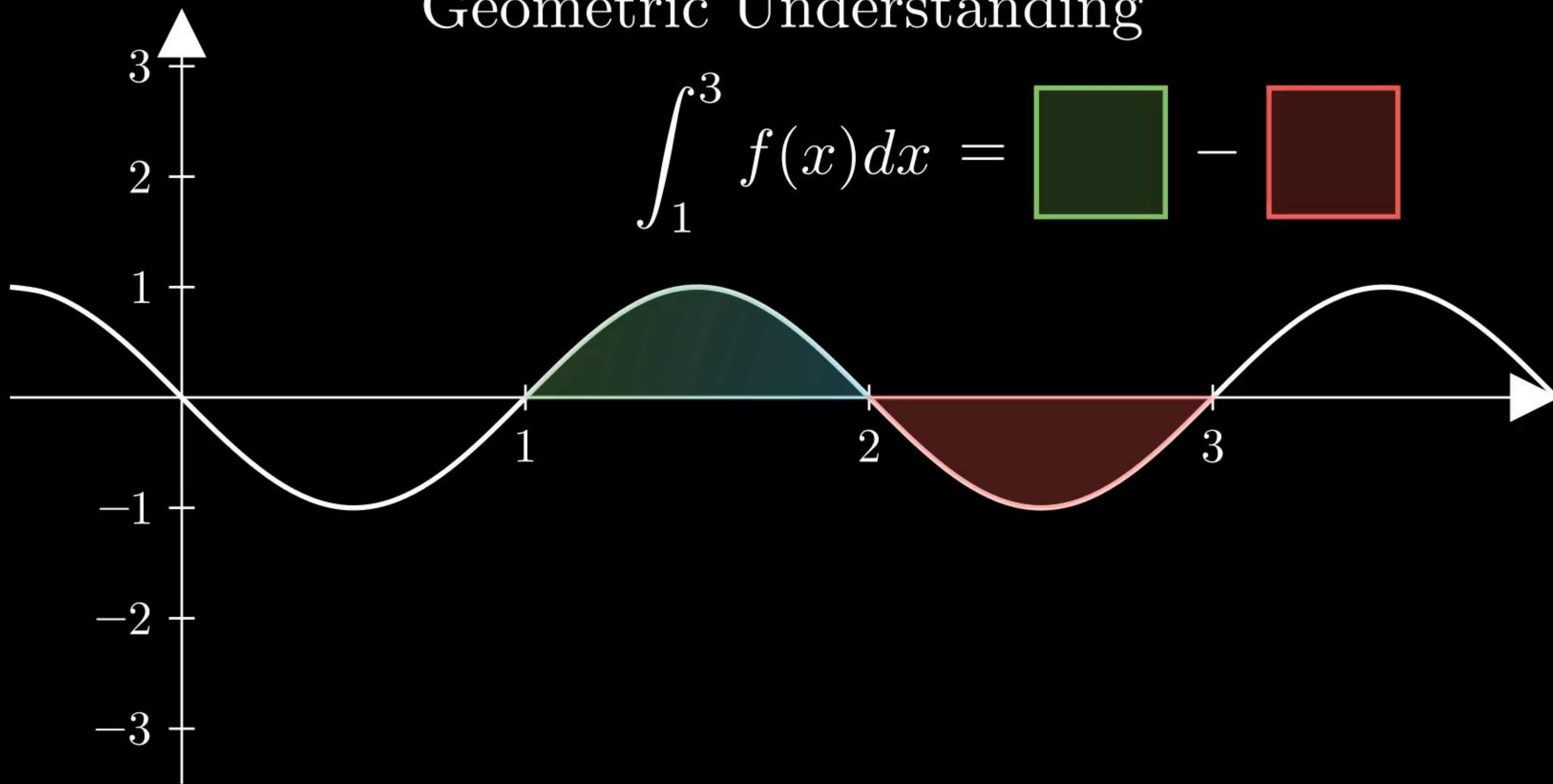
# Geometric Understanding

$$\int_1^3 f(x) dx =$$



# Geometric Understanding

$$\int_1^3 f(x) dx = \boxed{\phantom{000}} - \boxed{\phantom{000}}$$



# Reverse Understanding

# Reverse Understanding

Process

# Reverse Understanding

## Process

1. Put on socks



# Reverse Understanding

## Process

1. Put on socks
2. Put on shoes

# Reverse Understanding

Process

1. Put on socks
2. Put on shoes

Reverse Process

# Reverse Understanding

## Process

1. Put on socks
2. Put on shoes

## Reverse Process

1. Put on socks
2. Put on shoes