# Math Study Notes

### Your Name

## 1 augustus 2023

#### Introduction 1

#### $\mathbf{2}$ Important Definitions

**Definition 1** (Important Term 1). This is the definition of important term 1.

**Definition 2** (Important Term 2). This is the definition of important term 2.

## Theorems and Proofs

Theorem 1 (Pythagorean Theorem). For a right-angled triangle with sides of length a, b, and c, where c is the hypotenuse, the following holds:

$$a^2 + b^2 = c^2$$

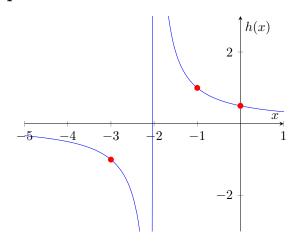
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#### **Equations and Formulas** 4

$$f(x) = x^2 + 2x + 1$$
$$g(x) = \frac{1}{x}$$
$$h(x) = \sqrt{x^2 + y^2}$$

$$h(x) = \sqrt{x^2 + y^2}$$

# 5 Examples and Exercises



- 5.1 Example 1
- 5.2 Exercise 1
- 6 Conclusion