Chapter 1

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Mathematical Content:
Theorem 1: Let $x \in \mathbb{R}$ be a real number.
Then $x^2 \geq 0$ for all x.

Proof: This follows from the definition of square.

Chapter 2

This is page 2 of the test document.

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Mathematical Content:
Theorem 2: Let $x \in \mathbb{R}$ be a real number.
Then $x^2 \geq 0$ for all x.

Proof: This follows from the definition of square.

Chapter 3

This is page 3 of the test document.

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Mathematical Content:
Theorem 3: Let $x \in \mathbb{R}$ be a real number.
Then $x^2 \geq 0$ for all x.

Proof: This follows from the definition of square.

Chapter 4

This is page 4 of the test document.

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Mathematical Content:
Theorem 4: Let $x \in \mathbb{R}$ be a real number.
Then $x^2 \geq 0$ for all x.

Proof: This follows from the definition of square.

Chapter 5

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Mathematical Content:
Theorem 5: Let $x \in \mathbb{R}$ be a real number.
Then $x^2 \geq 0$ for all x.

Proof: This follows from the definition of square.