

Math Test-Taking Strategies for the TSIA2 Math Test

Core approaches for working carefully and confidently



1 Pacing and Format

The TSIA2 is untimed. Take time on each question while maintaining stamina because previous questions cannot be revisited.

3 Prepare for Adaptive Testing

Approach the first few questions confidently and accurately because early responses influence how the test adapts.

5 Use Scratch Paper

Write a memory dump of formulas, record key information, work sample problems, and double-check before entering answers.

7 Use Process of Elimination

Remove clearly unreasonable choices, such as negative area or incorrect dimensional units. Use answer choices as clues.

2 Pause as Needed

Multiple-choice sections can be paused and resumed. Take a break when needed, then return alert and engaged.

4 Memorize Formulas

A formula reference sheet is not provided. Memorize key area, volume, perimeter, and right-triangle trigonometry rules.

6 Use the Built-in Calculator Wisely

A calculator appears for specific questions. Use foundational algebra and quantitative reasoning first to reduce entry errors.

8 Prepare for Major Question Types

Be ready for computation, word problems, and graphs or figures, with a randomized mix of calculator and non-calculator items.

KEY CONTENT DOMAINS TO REVIEW

QUANTITATIVE REASONING

Ratios, proportions, percentages, and linear equations.

ALGEBRAIC REASONING

Expressions, inequalities, and functions.

GEOMETRIC & SPATIAL

Area, surface area, volume, and transformations.

PROBABILISTIC & STATISTICAL

Reading charts, tables, center, and spread.

PREPARE • PRACTICE • PAUSE • CHECK