

TASC Mathematics

Learn and master 30 TASC standards!

The TASC Math Test has 52 question items aligned to Common Core standards. Half of these will be Algebra and Functions, 26% Geometry, 13% Statistics, and 12% Number and Quantity. Students can study online with progress tracking by TASC reporting category, or on the Study Buddy personalized tutor device.

Brainchild's 25-year, proven learning process of **PLAY LESSON, STUDY, TEST** helps students help themselves by building their confidence and self-esteem. Immediate feedback provides personal and gentle self-paced instruction. Mastery of the TASC lessons below assures high achievement on the TASC Test.



TASC Math is available on the web and Study Buddies for personalized learning!

Algebra

- A-CED.1 Create Equations
- A-CED.2 Equations of Lines
- A-CED.3 Create Systems of Equations
- A-APR.1 Add-Subtract Polynomials
- A-APR.1 Multiply Polynomials
- A-REI.1 Simplify Expressions
- A-REI.3 Solve Linear Equations
- A-REI.4 Solve Quadratic Equations
- A-REI.6 Solve Systems of Equations
- A-REI.12 Graph Equations & Inequalities

Functions

- F-IF.1 Range & Domain
- F-IF.2 Function Notation
- F-IF.6 Rate of Change
- F-IF.9 Compare Functions

Number & Quantity

- N.Q.1 Word Problems
- N-RN.2 Laws of Exponents
- N-RN.3 Rational-Irrational Numbers

Geometry

- G-CO.1 Line & Angle Terms
- G-MG.2 Area & Density
- G-GMD-3 Cylinder & Pyramid Volume
- G-SRT.5 Similarity & Congruency
- 7.G.6 Surface Area
- 8.G.7 Pythagorean Theorem

Statistics & Probability

- S-ID.1 Histograms
- S-ID.1 Dot Plots
- S-ID.1 Box Plots
- S-ID.3 Shape, Center, and Spread
- S-ID.5 Two-Way Tables
- S-ID.7 Slopes & Intercepts
- 7.SP.8 Compound Probability



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TASC Language Arts

Preparation for TASC Reading and Writing

The TASC Reading test has 70% informational texts and 30% literature texts. 45% of the questions deal with "Key Ideas and Details." There will be 8 passages and of 51 questions, of which 48 are multiple choice.

The TASC Writing Test has two parts. The first part requires the student to correct or revise existing sentences with about 48 multiple choice questions. The second part requires the student to write an essay.

Study Buddy teaches and then tracks progress on academic standards using multiple choice questions. Brainchild's proven learning process of **PLAY LESSON, STUDY, TEST** helps students help themselves by building their confidence and self-esteem. Immediate feedback provides personal and gentle self-paced instruction.



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Reading

- RI.9-10.1 Key Details (Evidence)
- RI.9-10.2 Main Idea
- RI.9-10.3 Author's Purpose
- RI.9-10.3 Cause & Effect
- RI.9-10.4 Figurative Language
- RL.9-10.1 Inferences
- RL.9-10.2 Summarization

Writing Conventions

- LA.6 Pronoun Shifts
- LA.7.1 Misplaced Modifiers
- LA.7.1 Fragments & Run-Ons
- LA.8.1 Active & Passive Voice
- LA.8.1 Gerunds, Participles, Infinitives
- LA.8.1 Verb Moods
- LA.8.2 Commas, Ellipses, Dashes
- LA.8.2 Spelling

Reading Mastery

Brainchild TASC reading lessons present ten, 75-100 word reading passages on one standard such as Key Details. The focus provided when reading 750 to 1,000 words and choosing key details helps students master that concept quickly and efficiently.

Writing Mastery

TASC Writing lessons let students choose correctly-written sentences. Immediate feedback on each answer choice teaches them why they are right or wrong. By the time they get to the last 3 of the 10 questions randomized from a larger bank they tend to answer them all correctly.



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