

TSI Study Prep Video Reviews & Practice Tests

Click on the subject (Math, Reading, or Writing) and enter the code next to the topic you wish to review. There are two practice tests (at the end of this doc) that you can take online.

Math

Rational & Irrational Numbers - Code 280645

Ordering Rational Numbers - Code 419578

Mathematical Operations - Code 208095

Mathematical Parentheses - Code 978600

Introduction to Exponents - Code 600998

Roots - Code 795655

Square Root and Perfect Squares - Code 648063

Subtracting Large Numbers - Code 603350

Introduction to Exponents - Code 600998

Roots - Code 795655

Square Root and Perfect Squares - Code 648063

Subtracting Large Numbers - Code 603350

Adding and Subtracting Fractions - Code 378080

Improper Fractions and Mixed Numbers - Code 473632

Decimals - Code 837268

Adding and Subtracting Decimals - Code 381101

How to Multiply Decimals - Code 731574

How to Divide Decimals - Code 560690

Dividing Decimals by Whole Numbers - Code 535669

Computation with Percentages - Code 693099

Converting Decimals, Improper Fractions, and Mixed Numbers - Code 696924

Proportions - Code 505355

Ratios - Code 996914

Rates and Unit Rates - Code 185363

Finding the Slope of a Line - Code 766664

Cross Multiply Fractions - Code 893904

Slope-Intercept and Point-Slope Forms - Code 113216

Linear Equations Basics - Code 793005

Rules for Manipulating Equations - Code 838871

Solving Equations by Combining Like Terms - Code 668506

Solving One-Step Equations - Code 777004
Solving Equations Involving Roots - Code 297670
Solving Equations with Exponents - Code 514557
Solving Equations with Variables on Both Sides - Code 402497
Cartesian Coordinate Plane and Graphing - Code 115173
Solving Multi-Step Inequalities - Code 347842
Solving Inequalities Using All 4 Basic Operations - Code 401111
Conditional and Absolute Inequalities - Code 980164
Graphing Linear Inequalities - Code 439421
Compound Inequalities - Code 786318
Solving Absolute Value Inequalities - Code 997008
Solving Inequalities Involving Square Roots - Code 800288
Graphing Solutions to Inequalities - Code 391281
Solving Systems and Linear Equations - Code 746745
The Substitution Method - Code 565151
Substitution and Eliminations - Code 958611
The Elimination Method - Code 449121
Solving Systems by Graphing - Code 634812
Polynomials - Code 305005
Adding and Subtracting Polynomials - Code 124088
Multiplying Terms Using the FOIL Method - Code 854792
Rational Expressions - Code 415183
Reducing Rational Expressions - Code 788868
Quadratic Equations Overview - Code 476276
Solutions of a Quadratic Equation on a Graph - Code 476276
Using the Quadratic Formula - Code 163102
Factoring Quadratic Equations - Code 336566
Completing the Square - Code 982479
Definition of Function - Code 784611
Domain and Range - Code 778133
Domain and Range of Quadratic Functions - Code 778133
Even and Odd Functions - Code 278985
Common Functions - Code 629798
Graphing Linear Functions - Code 69947
Piecewise Functions - Code 707921
Metric System Conversion - How the Metric System Works - Code 163709
Measurement Conversions - Code 316703
Intro to Polygons - Code 271869
Sum of Interior Angles - Code 984991

What is a Congruent Shape? - Code 492281
Symmetry - Code 528106
Proof that a Triangle is 180 Degrees - Code 687591
Area and Perimeter of a Triangle - Code 853779
Area of Any Triangle - Code 138510
Centroid, Incenter, Circumcenter, and Orthocenter - Code 598260
Introduction to Types of Triangles - Code 511711
General Rules (Triangle Inequality Theorem) - Code 166488
Similar Triangles - Code 398538
Pythagorean Theorem - Code 906576
Law of Sines - Code 206844
Law of Cosines - Code 158911
Diagonals of Parallelograms, Rectangles and Rhombi - Code 320040
Area and Perimeter of a Trapezoid - Code 587523
How to Find the Area and Perimeter of a Parallelogram - Code 718313
Area and Perimeter of Rectangles and Squares- Code 428109
Points of a Circle - Code 420746
The Diameter, Radius, and Circumference of Circles- Code 448988
Area and Circumference of a Circle - Code 243015
Volume and Surface Area of a Sphere- Code 786928
How to Calculate the Volume of 3D Objects - Code 163343
Volume and Surface Area of a Rectangular Prism- Code 282814
Volume and Surface Area of a Cube - Code 664455
Finding the Volume and Surface Area of a Right Circular Cylinder- Code 226463
Finding the Volume and Surface Area of a Pyramid - Code 621932
Volume and Surface Area of a Right Circular Cone- Code 573574
Intro to Probability - Code 212374
Empirical Probability- Code 513468
Conditional Probability - Code 397924
Multiplication Rule- Code 782598
Statistical Range - Code 778541
Skew- Code 661486
All About Averages - Code 176521
Pictographs- Code 147860
How to Create a Line Graph - Code 480147
Mean, Median, and Mode - Code 286207
Data Interpretation of Graphs - Code 200439
Line Plot - Code 754610
Stem and Leaf Plots - Code 302339

Box and Whisker Plots- Code 810817

Reading

What is Syntax - Code 242280

Style, Tone, and Mood - Code 416961

Point of View - Code 383336

Themes in Literature - Code 732074

How to Make a Story Map - Code 261719

Conflict - Code 559550

Determining Relationships in a Story - Code 929925

Character Changes - Code 408719

Figures of Speech - Code 111295

Figurative Language - Code 584902

Alliterations Are All Around - Code 462837

Personification - Code 260066

Similes - Code 642949

Metaphors in Writing - Code 133295

Hyperbole and Understatement - Code 308470

What is the Definition of Irony? - Code 374204

Allusions - Code 294065

What is Comic Relief? - Code 779604

Informative Text - Code 924964

Explicit and Implicit Information - Code 735771

Technical Passages - Code 478293

Understanding the Author's Intent - Code 511819

Author's Position - Code 827954

Predictive Reading - Code 437248

Textual Evidence for Predictions - Code 261070

Inference - Code 379203

How to Support a Conclusion - Code 281653

Organizational Methods to Structure Text - Code 606263

Sequence of Events in a Story - Code 807512

Cause and Effect - Code 725944

Rhetorical Strategy of Cause and Effect Analysis - Code 725944

Compare and Contrast - Code 798319

Sequence - Code 489027

Topics and Main Ideas - Code 407801

Supporting Details - Code 396297

Author's Position - Code 827954

Comparing Two Stories - Code 833765
Outlining - Code 584445
Graphic Organizers - Code 665513
Summarizing Text - Code 172903
Using Rhetorical Strategies for Persuasion - Code 302658
Textual Evidence - Code 486236
Author Credibility - Code 827257
Emotional Language in Literature - Code 759390
Argumentative Writing - Code 561544
Fact or Opinion - Code 870899
Bias and Stereotype - Code 644829
Affixes - Code 782422
Determining Word Meanings - Code 894894
What are Synonyms and Antonyms? - Code 105612
Connotation and Denotation - Code 310092
Word Usage in Sentences - Code 197863
Context Clues - Code 613660
What is a Noun? - Code 344028
Nouns and Pronouns - Code 312073
Action Verbs and Linking Verbs - Code 743142
Present Perfect, Past Perfect, and Future Perfect Verb Tenses - Code 269472
Descriptive Text - Code 174903
Function of Articles - Code 449383
What is an Adjective? - Code 470154
What is an Adverb? - Code 713951
Adverbs that Modify Adjectives - Code 122570
Prepositions - Code 946763
Coordinating and Correlative Conjunctions - Code 390329
Adverb Equal Comparisons - Code 231291
Subordinating Conjunctions - Code 958913
Subjects in English - Code 444771
Subject-Verb Agreement - Code 479190
Direct and Indirect Objects - Code 817385
Pronoun Usage - Code 666500
What is a Pronoun-Antecedent Agreement? - Code 919704
What is a Clause? - Code 940170
Independent and Dependent Clauses - Code 556903
Adjective Clauses and Phrases - Code 520888
Verbals - Code 915480

Parallel Sentence Construction - Code 831988
Sentence Structure - Code 700478
Fragments and Run-on Sentences - Code 541989
Question Marks - Code 118471
Exclamation Points - Code 199367
When to Use a Comma - Code 786797
How to Use Semicolons - Code 370605
Colons - Code 868673
Parentheses - Code 947743
Quotation Marks - Code 884918
When to Use an Apostrophe - Code 213068
Punctuation Errors in Possessive Pronouns - Code 221438
Hyphens - Code 981632
Brackets - Code 727546

Writing

Writing Purpose and Audience - Code 146627
Essay - Introduction - Code 961328
Thesis Statements - Code 691033
Drafting Body Paragraphs - Code 724590
How to Write a Good Paragraph - Code 682127
Sequence - Code 489027
Transitions in Writing - Code 233246
What are Transition Words - Code 707563
How to Effectively Connect Sentences - Code 948325
Standard Deviation - Code 419469
Drafting Conclusions - Code 209408

TSI Practice Tests

[TSI Math Practice Test](#)

[TSI ELAR Practice Test](#)