CollegeBoard | **PSAT™ 10**

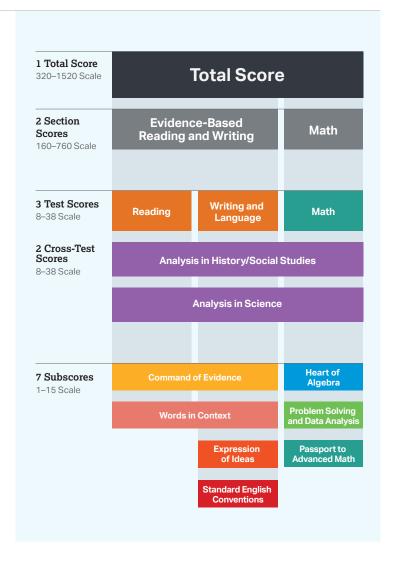# Scoring Your **PSAT 10** Practice Test #1

Congratulations on completing a PSAT™ 10 practice test. To score your test, follow the instructions in this guide.

Scores Overview

Each assessment in the SAT Suite (SAT®, PSAT/NMSQT®, PSAT 10, and PSAT™ 8/9) reports test scores and cross-test scores on a common scale.

The assessments also report subscores, which provide more information to students, educators, and parents. For more details about scores, visit **collegereadiness.collegeboard.org**.
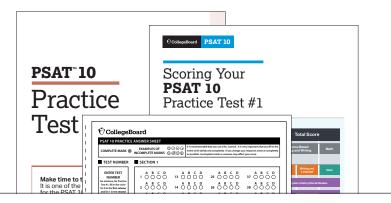
The College Board Assessment Design & Development team wrote the practice test using the same processes and standards they use when writing the actual PSAT 10. Everything from the way questions are written to how they look on the page accurately reflects what you'll see on test day.

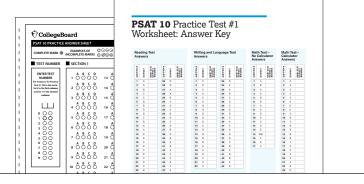|	
1 Total Score 320–1520 Scale	**Total Score**
2 Section Scores 160–760 Scale	**Evidence-Based Reading and Writing** / **Math**
3 Test Scores 8–38 Scale	**Reading** / **Writing and Language** / **Math**
2 Cross-Test Scores 8–38 Scale	**Analysis in History/Social Studies** **Analysis in Science**
7 Subscores 1–15 Scale	**Command of Evidence** / **Heart of Algebra** **Words in Context** / **Problem Solving and Data Analysis** **Expression of Ideas** / **Passport to Advanced Math** **Standard English Conventions**

How to Calculate Your Practice Test Scores

GET SET UP

1 You'll need the answer sheet that you bubbled in while taking the practice test. You'll also need the conversion tables and answer key at the end of this guide.
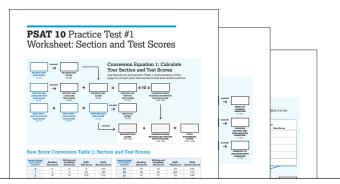
SCORE YOUR PRACTICE TEST

2 Using the answer key on page 7, count your total correct answers for each section. Write the number of correct answers for each section in the answer key at the bottom of that section.

CALCULATE YOUR SCORES

3 Using your marked-up answer key and the conversion tables, follow the directions on pages 3–6 to get all of your scores.

Get Section, Test, and Total Scores

Your total score on the PSAT 10 practice test is the sum of your Evidence-Based Reading and Writing Section score and your Math Section score. To get your total score, you'll convert what we call the "raw score" for each section—the number of questions you got right in that section—into the "scaled score" for that section and then calculate the total score.

GET YOUR EVIDENCE-BASED READING AND WRITING SECTION SCORE

Calculate your PSAT 10 Evidence-Based Reading and Writing Section score (it's on a scale of 160–760) by first determining your Reading Test score and your Writing and Language Test score. Here's how:

1. Using the answer key on page 7 count the number of correct answers you got on Section 1 (the Reading Test). The number of correct answers is your raw score.

2. Go to Raw Score Conversion Table 1: Section and Test Scores on page 8. Find your raw score in the "Raw Score" column and match it to the number in the "Reading Test Score" column.

3. Do the same with Section 2 to determine your Writing and Language Test score.

4. Add your Reading Test score to your Writing and Language Test score.

5. Multiply that number by 10. This is your Evidence-Based Reading and Writing Section score.

EXAMPLE: Jennifer answered 29 of the 47 questions correctly on the PSAT 10 Reading Test and 20 of the 44 questions correctly on the PSAT 10 Writing and Language Test. Using the table on page 8, she calculates that she received a PSAT 10 Reading Test score of 28 and a PSAT 10 Writing and Language Test score of 22. She adds 28 to 22 (gets 50) and then multiplies by 10 to determine her PSAT 10 Evidence-Based Reading and Writing Section score is 500.

GET YOUR MATH SECTION SCORE

Calculate your PSAT 10 Math Section score (it's on a scale of 160–760).

1. Using the answer key on page 7, count the number of correct answers you got on Section 3 (Math Test – No Calculator) and Section 4 (Math Test – Calculator).

2. Add the number of correct answers you got on Section 3 (Math Test – No Calculator) and Section 4 (Math Test – Calculator).

3. Use Raw Score Conversion Table 1 to turn your raw score into your Math Test and Math Section score. (Your Math Section score is your Math Test score multiplied by 20.)

GET YOUR TOTAL SCORE

Add your Evidence-Based Reading and Writing Section score to your Math Section score. The result is your total score (on a scale of 320–1520) on the PSAT 10 Practice Test.

Total Score

Evidence-Based Reading and Writing	Math

Reading	Writing and Language	Math

Analysis in History/Social Studies

Analysis in Science

Command of Evidence	Heart of Algebra
Words in Context	Problem Solving and Data Analysis
Expression of Ideas	Passport to Advanced Math
Standard English Conventions	

Your total score on the PSAT 10 practice test is the sum of your Evidence-Based Reading and Writing Section score and your Math Section score.

Use worksheet pages 7 and 8 to calculate your section, test, and total scores.

Get Subscores

Subscores provide more detailed information about your strengths in specific areas within literacy and math. They are reported on a scale of 1–15.

COMMAND OF EVIDENCE

The Command of Evidence subscore is based on questions from both the Reading Test and the Writing and Language Test that ask you to interpret and use evidence found in a wide range of passages and informational graphics, such as graphs, tables, and charts.

1 Add up your total correct answers from the following questions:

- Reading Test: Questions 8; 17-18; 22; 26-28; 36; 39; 42

- Writing and Language Test: Questions 6-7; 15-16; 18; 27; 33-34

   Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2: Subscores on page 9 to determine your Command of Evidence subscore.

WORDS IN CONTEXT

The Words in Context subscore is based on questions from both the Reading Test and the Writing and Language Test that address word/phrase meaning in context and rhetorical word choice.

1 Add up your total correct answers from the following questions:

- Reading Test: Questions 5-6; 10; 13; 23-24; 34; 37; 40; 43

- Writing and Language Test: Questions 1-2; 17; 19; 28; 30; 36; 39

   Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Words in Context subscore.

EXPRESSION OF IDEAS

The Expression of Ideas subscore is based on questions from the Writing and Language Test that focus on topic development, organization, and rhetorically effective use of language.

1 Add up your total correct answers from the following set of questions:

- Writing and Language Test: Questions 1-2; 5-7; 11; 15-19; 22; 25; 27-28; 30; 32-36; 39-40; 44

   Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Expression of Ideas subscore.

Subscores provide more detailed information about your strengths in specific areas within literacy and math.

Use worksheet pages 7 and 9 to calculate your subscores.

STANDARD ENGLISH CONVENTIONS

The Standard English Conventions subscore is based on questions from the Writing and Language Test that focus on sentence structure, usage, and punctuation.

1 Add up your total correct answers from the following questions:

- Writing and Language Test: Questions 3-4; 8-10; 12-14; 20-21; 23-24; 26; 29; 31; 37-38; 41-43

  Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Standard English Conventions subscore.

HEART OF ALGEBRA

The Heart of Algebra subscore is based on questions from the Math Test that focus on linear equations and inequalities.

1 Add up your total correct answers from the following questions:

- Math Test – No Calculator: Questions 1; 3; 5; 7-9; 14-15

- Math Test – Calculator: Questions 1-2; 5; 8; 11; 24; 27; 29

  Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Heart of Algebra subscore.

PROBLEM SOLVING AND DATA ANALYSIS

The Problem Solving and Data Analysis subscore is based on questions from the Math Test that focus on quantitative reasoning, the interpretation and synthesis of data, and solving problems in rich and varied contexts.

1 Add up your total correct answers from the following questions:

- Math Test – Calculator: Questions 3; 6-7; 9-10; 12-17; 19-23

  Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Problem Solving and Data Analysis subscore.

PASSPORT TO ADVANCED MATH

The Passport to Advanced Math subscore is based on questions from the Math Test that focus on topics central to the ability of students to progress to more advanced mathematics, such as understanding the structure of expressions, reasoning with more complex equations, and interpreting and building functions.

1 Add up your total correct answers from the following questions:

- Math Test – No Calculator: Questions 2; 6; 10-13; 16-17

- Math Test – Calculator: Questions 4; 18; 25; 28; 30-31

  Your raw score is your total correct answers from all of these questions.

2 Use Raw Score Conversion Table 2 to determine your Passport to Advanced Math subscore.

Total Score		
Evidence-Based Reading and Writing		Math
Reading	Writing and Language	Math
Analysis in History/Social Studies		
Analysis in Science		

Subscores

Command of Evidence	Heart of Algebra
Words in Context	Problem Solving and Data Analysis
Expression of Ideas	Passport to Advanced Math
Standard English Conventions	

Use worksheet pages 7 and 9 to calculate your subscores.

Get Cross-Test Scores

The PSAT 10 also reports two cross-test scores: Analysis in History/Social Studies and Analysis in Science. These scores are based on questions in the Reading, Writing and Language, and Math Tests that ask students to think analytically about texts and questions in these subject areas. Cross-test scores are reported on a scale of 8–38.

ANALYSIS IN HISTORY/SOCIAL STUDIES

1. Add up your total correct answers from the following questions:

   - Reading Test: Questions 10-19; 29-37

   - Writing and Language Test: Questions 25; 27-28; 30; 32-33

   - Math Test – No Calculator: Questions 7-8

   - Math Test – Calculator: Questions 1; 13-16

   Your raw score is your total correct answers from all of these questions.

2. Use Raw Score Conversion Table 3: Cross-Test Scores on page 10 to determine your Analysis in History/Social Studies cross-test score.

ANALYSIS IN SCIENCE

1. Add up your total correct answers from the following questions:

   - Reading Test: Questions 20-28; 38-47

   - Writing and Language Test: Questions 15-19; 22

   - Math Test – No Calculator: No questions

   - Math Test – Calculator: Questions 17; 19; 22-24; 30; 31

   Your raw score is your total correct answers from all of these questions.

2. Use Raw Score Conversion Table 3 to determine your Analysis in Science cross-test score.

Cross-Test Scores

Total Score		
Evidence-Based Reading and Writing		Math
Reading	Writing and Language	Math
Analysis in History/Social Studies		
Analysis in Science		
Command of Evidence		Heart of Algebra
Words in Context		Problem Solving and Data Analysis
	Expression of Ideas	Passport to Advanced Math
	Standard English Conventions	

Cross-test scores are based on questions in the Reading, Writing and Language, and Math Tests. They show how you think analytically about text and questions in history/ social studies and science contexts.

Use worksheet pages 7 and 10 to calculate your cross-test scores.

PSAT 10 Practice Test #1
Worksheet: Answer Key

Reading Test Answers

QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS	QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS
1	A		25	D	
2	A		26	D	
3	B		27	A	
4	C		28	A	
5	C		29	B	
6	B		30	C	
7	B		31	D	
8	D		32	C	
9	B		33	B	
10	C		34	D	
11	B		35	C	
12	A		36	D	
13	A		37	B	
14	D		38	D	
15	D		39	B	
16	A		40	D	
17	D		41	B	
18	C		42	A	
19	D		43	C	
20	C		44	C	
21	D		45	B	
22	A		46	C	
23	B		47	A	
24	B				

READING TEST RAW SCORE
(Total # of Correct Answers)

Writing and Language Test Answers

QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS	QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS
1	C		23	D	
2	D		24	A	
3	C		25	A	
4	D		26	B	
5	C		27	C	
6	A		28	D	
7	B		29	C	
8	B		30	D	
9	B		31	D	
10	D		32	D	
11	D		33	A	
12	C		34	C	
13	B		35	A	
14	B		36	D	
15	B		37	D	
16	D		38	C	
17	A		39	B	
18	A		40	C	
19	D		41	B	
20	C		42	B	
21	C		43	A	
22	A		44	D	

WRITING AND LANGUAGE TEST RAW SCORE
(Total # of Correct Answers)

Math Test – No Calculator Answers

QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS
1	A	
2	B	
3	A	
4	D	
5	B	
6	B	
7	A	
8	D	
9	B	
10	D	
11	C	
12	A	
13	D	
14	300	
15	2	
16	9	
17	4	

MATH TEST – NO CALCULATOR RAW SCORE
(Total # of Correct Answers)

Math Test – Calculator Answers

QUESTION #	CORRECT	MARK YOUR CORRECT ANSWERS
1	C	
2	A	
3	C	
4	C	
5	C	
6	D	
7	D	
8	D	
9	C	
10	B	
11	C	
12	B	
13	B	
14	B	
15	B	
16	C	
17	C	
18	C	
19	A	
20	C	
21	C	
22	B	
23	D	
24	A	
25	A	
26	D	
27	A	
28	6	
29	9	
30	510	
31	51/5 or 10.2	

MATH TEST – CALCULATOR RAW SCORE
(Total # of Correct Answers)

PSAT 10 Practice Test #1
Worksheet: Section and Test Scores

CONVERT →

READING TEST
RAW SCORE
(0-47)

READING TEST
SCORE
(8-38)

Conversion Equation 1: Calculate Your Section and Test Scores

Use Raw Score Conversion Table 1 at the bottom of this page to convert your raw scores to test and section scores.

CONVERT →

WRITING AND
LANGUAGE TEST
RAW SCORE
(0-44)

WRITING AND
LANGUAGE
TEST SCORE
(8-38)

+

READING TEST
SCORE
(8-38)

=

READING AND
WRITING
TEST SCORE
(16-76)

× 10 =

EVIDENCE-BASED
READING AND WRITING
SECTION SCORE
(160-760)

+

MATH TEST –
NO CALCULATOR
RAW SCORE
(0-17)

MATH TEST –
CALCULATOR
RAW SCORE
(0-31)

=

MATH SECTION
RAW SCORE
(0-48)

CONVERT →

MATH TEST
SCORE
(8-38)

CONVERT →

MATH SECTION
SCORE
(160-760)

+

EVIDENCE-BASED
READING AND WRITING
SECTION SCORE
(160-760)

=

TOTAL
PSAT/NMSQT
SCORE
(320-1520)

Raw Score Conversion Table 1: Section and Test Scores

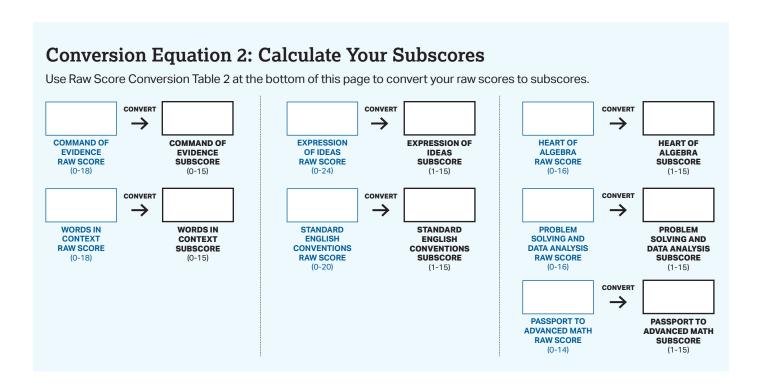| RAW SCORE (# OF CORRECT ANSWERS)	Reading Test Score	Writing and Language Test Score	Math Test Score	Math Section Score	RAW SCORE (# OF CORRECT ANSWERS)	Reading Test Score	Writing and Language Test Score	Math Test Score	Math Section Score
0	8	8	8	160	25	26	25	28	560
1	9	9	9.5	190	26	26	26	28.5	570
2	10	10	10.5	210	27	27	27	29	580
3	11	11	12	240	28	27	27	29	580
4	12	12	13.5	270	29	28	28	29.5	590
5	14	13	14.5	290	30	28	28	30	600
6	15	14	16	320	31	29	29	30.5	610
7	16	14	17	340	32	29	29	31	620
8	16	15	18	360	33	30	30	31.5	630
9	17	15	18.5	370	34	30	30	32	640
10	18	16	19.5	390	35	31	31	32.5	650
11	18	16	20	400	36	31	32	33.5	670
12	19	17	21	420	37	32	32	34	680
13	19	18	21.5	430	38	32	33	34.5	690
14	20	18	22	440	39	33	34	35.5	710
15	20	19	23	460	40	34	35	36	720
16	21	20	23.5	470	41	34	36	36.5	730
17	21	20	24	480	42	35	37	36.5	730
18	22	21	24.5	490	43	36	37	37	740
19	22	21	25	500	44	37	38	37	740
20	23	22	25.5	510	45	37		37.5	750
21	23	23	26	520	46	38		37.5	750
22	24	24	26.5	530	47	38		38	760
23	24	24	27	540	48			38	760
24	25	25	27.5	550					

PSAT 10 Practice Test #1
Worksheet: Subscores

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Conversion Equation 2: Calculate Your Subscores

Use Raw Score Conversion Table 2 at the bottom of this page to convert your raw scores to subscores.

| COMMAND OF EVIDENCE RAW SCORE (0-18) | CONVERT → | COMMAND OF EVIDENCE SUBSCORE (0-15) | | EXPRESSION OF IDEAS RAW SCORE (0-24) | CONVERT → | EXPRESSION OF IDEAS SUBSCORE (1-15) | | HEART OF ALGEBRA RAW SCORE (0-16) | CONVERT → | HEART OF ALGEBRA SUBSCORE (1-15) |

| WORDS IN CONTEXT RAW SCORE (0-18) | CONVERT → | WORDS IN CONTEXT SUBSCORE (0-15) | | STANDARD ENGLISH CONVENTIONS RAW SCORE (0-20) | CONVERT → | STANDARD ENGLISH CONVENTIONS SUBSCORE (1-15) | | PROBLEM SOLVING AND DATA ANALYSIS RAW SCORE (0-16) | CONVERT → | PROBLEM SOLVING AND DATA ANALYSIS SUBSCORE (1-15) |

PASSPORT TO ADVANCED MATH RAW SCORE (0-14) CONVERT → PASSPORT TO ADVANCED MATH SUBSCORE (1-15)

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Raw Score Conversion Table 2: Subscores

RAW SCORE (# OF CORRECT ANSWERS)	Command of Evidence	Words in Context	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Math
0	1	1	1	1	1	1	1
1	2	2	2	2	3	3	5
2	3	3	3	3	4	4	7
3	4	3	4	3	5	5	8
4	5	4	4	4	6	6	9
5	6	5	5	4	7	7	10
6	7	6	6	5	8	8	11
7	8	6	6	6	8	8	12
8	8	7	7	6	9	9	13
9	9	8	7	7	10	10	14
10	9	9	8	7	10	11	15
11	10	10	8	8	11	11	15
12	11	10	9	8	12	12	15
13	11	11	9	9	13	13	15
14	12	12	10	9	14	14	15
15	13	13	10	10	15	15	
16	14	14	11	10	15	15	
17	15	15	12	11			
18	15	15	12	12			
19			13	13			
20			13	15			
21			14				
22			15				
23			15				
24			15				

PSAT 10 Practice Test #1
Worksheet: Cross-Test Scores

Conversion Equation 3: Calculate Your Cross-Test Scores

Fill in your question-specific raw scores from page 7 into the table below. Then use Raw Score Conversion Table 3 at the bottom of this page to convert your total raw scores to cross-test scores.

Test	Analysis in History/Social Studies		Analysis in Science	
	Questions	Raw Score	Questions	Raw Score
Reading Test	10-19; 29-37		20-28; 38-47	
Writing and Language Test	25; 27-28; 30; 32-33		15-19; 22	
Math Test – No Calculator	7-8		None	
Math Test – Calculator	1; 13-16		17; 19; 22-24; 30; 31	
Total				

ANALYSIS IN HISTORY/ SOCIAL STUDIES RAW SCORE (0-32)

CONVERT →

ANALYSIS IN HISTORY/ SOCIAL STUDIES CROSS-TEST SCORE (8-38)

ANALYSIS IN SCIENCE RAW SCORE (0-32)

CONVERT →

ANALYSIS IN SCIENCE CROSS-TEST SCORE (8-38)

Raw Score Conversion Table 3: Cross-Test Scores

RAW SCORE (# OF CORRECT ANSWERS)	Analysis in History/Social Studies Cross-Test Score	Analysis in Science Cross-Test Score	RAW SCORE (# OF CORRECT ANSWERS)	Analysis in History/Social Studies Cross-Test Score	Analysis in Science Cross-Test Score
0	8	8	17	26	28
1	9	12	18	27	28
2	11	15	19	28	29
3	12	16	20	29	30
4	14	17	21	30	31
5	15	18	22	30	31
6	16	18	23	31	32
7	17	19	24	32	33
8	18	20	25	32	34
9	19	21	26	33	35
10	20	22	27	34	36
11	21	23	28	35	37
12	22	24	29	36	37
13	23	25	30	37	38
14	24	26	31	37	38
15	25	26	32	38	38
16	26	27			