

# Prepare for the New PSAT/NMSQT<sup>®</sup>



- » What Is the New PSAT/NMSQT?
- » Skills Tested on the New PSAT/NMSQT
- » How to Prepare for the New PSAT/NMSQT
- » Sample New PSAT/NMSQT Questions
- » Resources

A photograph of a classroom where several students are seated at desks, focused on their work. The image is overlaid with a semi-transparent blue filter. The text is centered in the upper half of the image.

# What Is the New PSAT/NMSQT<sup>®</sup>?

# Some Key Facts

- » Scores for the SAT<sup>®</sup> Suite of Assessments (SAT, PSAT/NMSQT<sup>®</sup>, PSAT<sup>™</sup> 10, and PSAT<sup>™</sup> 8/9) are reported on a common vertical scale, allowing you to **measure your progress**
  - › Propels you toward **college** and **career readines**
  - › Is cosponsored by the College Board and National Merit Scholarship Corporation
  - › Serves as an entry point to millions in **scholarship dollars**
- » **3.8+** MILLION students took the PSAT/NMSQT in 2014 to get feedback on their skills and practice for the SAT

# What's Changing on the New PSAT/NMSQT®?



2 hours 45 minutes

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No penalty for guessing or blank responses  
also known as “rights-only scoring”

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Personalized SAT® practice through Khan Academy®  
with your own PSAT/NMSQT scores

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Scale ranges for the scores are 320 – 1520  
for the total score

# Benefits of the New PSAT/NMSQT®:



Personalized SAT® practice on Khan Academy based on your PSAT/NMSQT answers



Aligned to the new SAT coming out in March 2016



Increased access to new scholarship providers



Online college and career planning tools



Admission and financial aid information from colleges

A blue-tinted photograph of two women in a classroom. The woman in the foreground is pointing with a white marker at a whiteboard. The woman in the background is looking towards the whiteboard. The text 'Skills Tested on the New PSAT/NMSOT®' is overlaid on the left side of the image.

# Skills Tested on the New PSAT/NMSOT<sup>®</sup>

 Reading Test

 Writing and Language Test

 Math Test

- » Each test assesses the academic skills that you've developed over the years, primarily through your course work.
- » These skills are considered essential for success in high school and college and career.



# Reading Test

» **5 Passages**

» **47 Passage-Based Questions; 60 minutes**

## **QUICK FACTS**

- › All questions are multiple choice and based on passages.
- › Some passages are paired with other passages or informational graphics such as charts, graphs, and tables.
- › No mathematical computation is required.
- › Prior topic-specific knowledge is never tested.

# Reading Test

## What to expect?

In the Reading Test, you will encounter questions like those asked in a lively, thoughtful, evidence-based discussion.

# Writing and Language Test

» **4 Passages**

» **44 Passage-Based Questions; 35 minutes**

## QUICK FACTS

- › All questions are multiple choice and based on passages.
- › Some passages are paired with informational graphics such as charts, graphs, and tables.
- › Prior topic-specific knowledge is never tested.
- › No mathematical computation is required.

# Writing and Language Test

## What to expect?

The Writing and Language Test puts you in the active role of an editor who is improving a written passage. Most questions ask you to decide which, if any, of the three alternatives to an underlined part of a passage most improves it.

# Math Test

## » 2 Test Sections

## » 48 Questions (40 multiple choice, 8 grid-ins, 2 sections, 70 minutes)

### QUICK FACTS

- › Most math questions will be multiple choice, but some will be student-produced responses (grid-ins).
- › The Math Test is divided into two portions: Math Test – Calculator and Math Test – No Calculator.
- › Some parts of the test will present you with a scenario and then ask several questions about it.

# Math Test

## What to expect?

The Math Test focuses on the math that matters most to college and career readiness. To succeed on the Math Test, you will need to demonstrate mathematical practices, such as problem solving and using appropriate tools strategically.

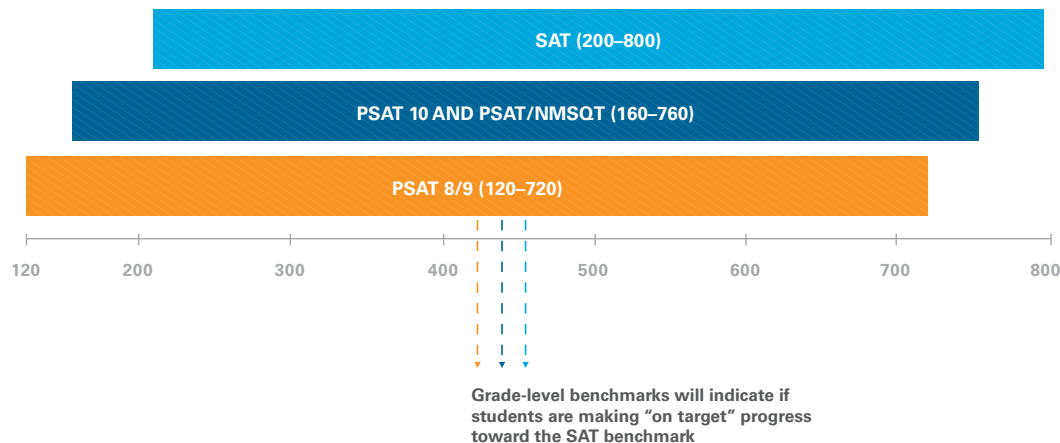
# How Does the New PSAT/NMSQT® Connect to the New SAT®?

## Content and Domain Alignment:

All tests in the SAT Suite of Assessments (SAT, PSAT/NMSQT, PSAT™ 10, and PSAT™ 8/9) are aligned to the same research backbone and focus on the same domain of knowledge and skills.

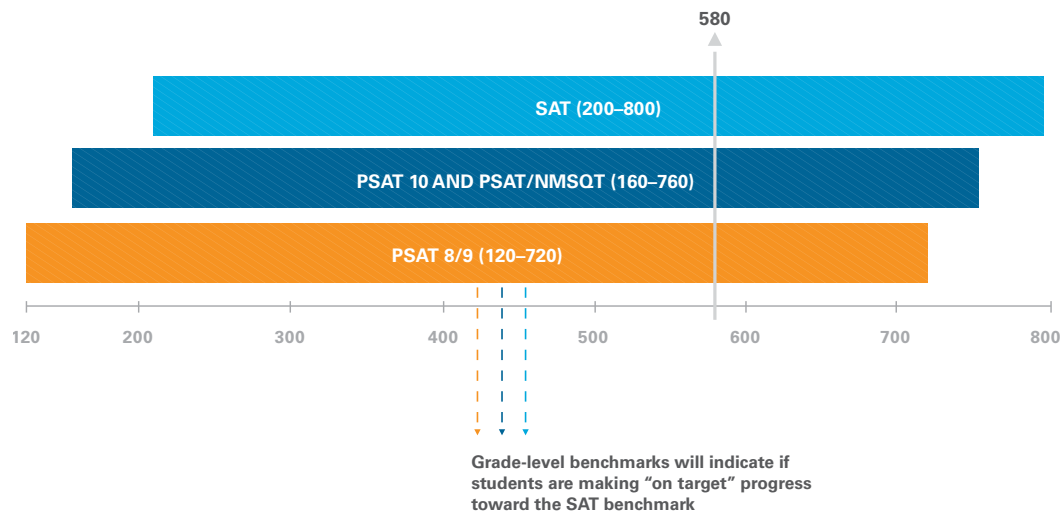
## Scoring:

All tests in the SAT Suite of Assessments are on a common score scale that provides consistent feedback, enabling teachers to adjust instruction to better support students who are ahead or behind.



# How Does the New PSAT/NMSQT<sup>®</sup> Connect to the New SAT<sup>®</sup>?

That means the score you get on the PSAT/NMSQT is the same score you would have gotten on the SAT if you had taken it on the same day.





# How Does the New PSAT/NMSQT® Compare to the New SAT®?

## PSAT/NMSQT

## SAT

2 hours 45 minutes



Time

3 hours 50 minutes

X



Essay

Optional

160 – 760



Section Score Range

200 – 800

Take control of your learning by working on the skills you choose at your own pace with free online courses.

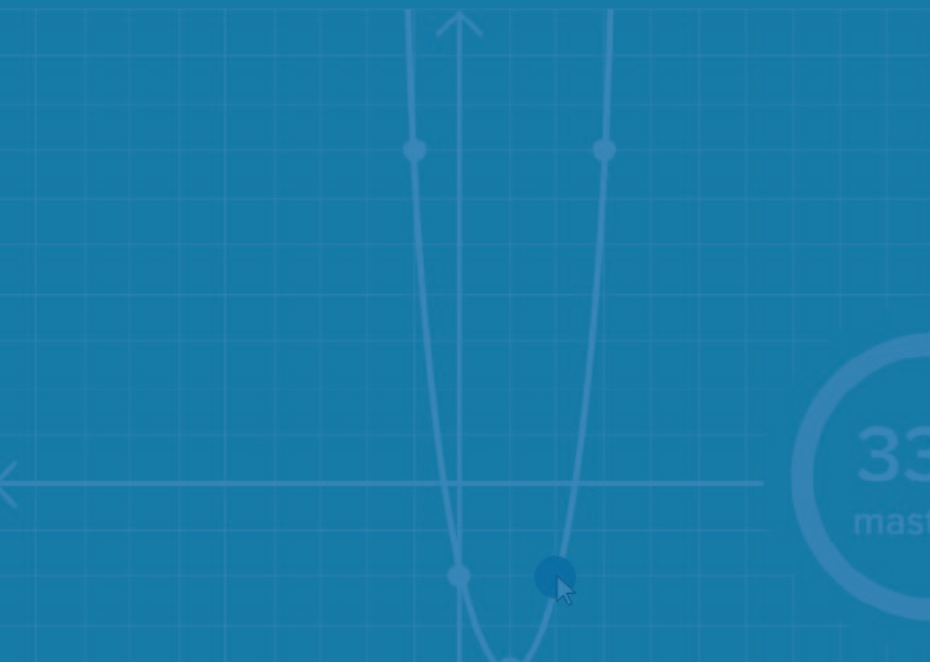


Algebra

UP NEXT: Parabolas

Practice

# How to Prepare for the New PSAT/NMSQT<sup>®</sup>



Sharpen your skills with over 100,000 interactive exercises.

# Know How the New PSAT/NMSQT<sup>®</sup> Is Scored

## Rights-Only Scoring:

- » 1 point for each correct answer
- » 0 points deducted for each incorrect or blank question

## Math Grid-ins

- » You can enter answers as (reduced) fractions or decimals
- » If rounding a decimal, make sure to use every box

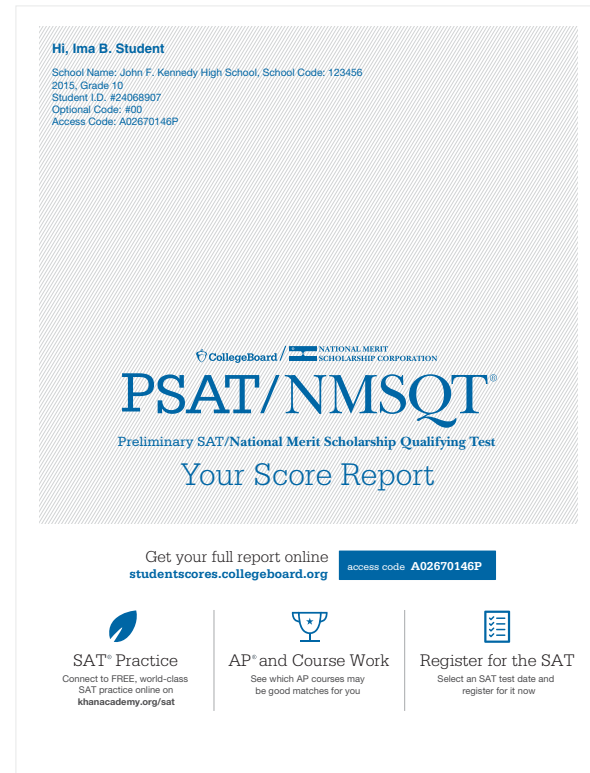
## Scale

- » 160 – 760 for each test section
- » 320 – 1520 for the total score

# Personalized Skills Information

## The PSAT/NMSQT<sup>®</sup> Score Report

- » Contains information **to help you improve your academic skills.**
- » **Lists skills** that you have the best chance of improving with additional work.
- » Connects to **personalized practice** recommendations on **Khan Academy.**



# Preparation Starts in School

## Read

- » Continuous reading improves vocabulary and develops essential skills.

## Take Challenging Courses

- » This will help you to develop and strengthen your critical thinking skills.

A student wearing glasses and a blue jacket is sitting at a desk, writing on a document with a yellow pencil. The background is a blurred classroom setting. The text "Sample New PSAT/NMSQT® Questions" is overlaid on the image in white, bold, sans-serif font.

# Sample New PSAT/NMSQT<sup>®</sup> Questions



# READING TEST

## Passage-Based Questions

### Passage Excerpt:

[. . .]The coming decades will likely see more intense clustering of jobs, innovation, and productivity in a smaller number of bigger cities and city-regions. Some regions could end up bloated beyond the capacity of their infrastructure, while others struggle, their promise stymied by inadequate human or other resources.

*Adapted from Richard Florida, The Great Reset.*

*© 2010 by Richard Florida.*

As used in line 2, “intense” most nearly means

- (A) emotional.
- (B) concentrated.
- (C) brilliant.
- (D) determined.



# READING TEST

## Passage-Based Questions

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*Adapted from Richard Florida, *The Great Reset*.*

*© 2010 by Richard Florida.*

As used in line 2, “intense” most nearly means

- (A) emotional.
- (B) concentrated.**
- (C) brilliant.
- (D) determined.





## READING TEST

### Passage-Based Questions

This question asks students to determine word meaning within a social science context. While students may frequently use the word “intense” to describe personalities or emotions, the context of this sentence requires students to recognize that “intense” can also mean “concentrated.” The best answer here is choice B because the context makes clear that the clustering of jobs, innovation, and productivity is expected to be denser, or more concentrated in a smaller number of bigger cities and city-regions, over the coming decades. In these ways, the question draws students back to the text rather than rewarding only isolated vocabulary knowledge.



# WRITING AND LANGUAGE TEST

## Passage-Based Questions

### Passage Excerpt:

[. . .] As Kingman developed as a painter, his works were often compared to paintings by Chinese landscape artists dating back to CE 960, a time when a strong tradition of landscape painting emerged in Chinese art. Kingman, however, **5** vacated from that tradition in a number of ways, most notably in that he chose to focus not on natural landscapes, such as mountains and rivers, but on cities. [. . .]

5

- (A) NO CHANGE
- (B) evacuated
- (C) departed
- (D) retired



# WRITING AND LANGUAGE TEST

## Passage-Based Questions

### Passage Excerpt:

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- (A) NO CHANGE
- (B) evacuated
- (C) departed**
- (D) retired



# WRITING AND LANGUAGE TEST

## Passage-Based Questions

This question asks students to determine which word makes the most sense in the context of a sentence. “**Departed**” is the most contextually appropriate way to indicate that Kingman had deviated from the tradition of Chinese landscape painting in a number of ways. In this sort of question, students must demonstrate not only facility with language in general but also skill in using language in particular contexts to convey meaning clearly and precisely.



## MATH TEST

Calculator: Permitted

Aaron is staying at a hotel that charges \$99.95 per night plus tax for a room. A tax of 8% is applied to the room rate, and an additional one-time untaxed fee of \$5.00 is charged by the hotel. Which of the following represents Aaron's total charge, in dollars, for staying  $x$  nights?

(A)  $(99.95 + 0.08x) + 5$

(B)  $1.08(99.95x) + 5$

(C)  $1.08(99.95x + 5)$

(D)  $1.08(99.95 + 5)x$



## MATH TEST

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**(B)  $1.08(99.95x) + 5$**

(C)  $1.08(99.95x + 5)$

(D)  $1.08(99.95 + 5)x$



## MATH TEST

Calculator: Permitted

This problem asks students to interpret a situation and formulate a linear expression that represents the situation mathematically. The construction of mathematical models that represent real-world scenarios is a critical skill.

The total charge is the room rate, the 8% tax on the room rate, and a fixed fee. If Aaron stayed  $x$  nights, then the total charge is  $99.95x + (0.08 \times 99.95x) + 5$ , which can be rewritten as  $1.08(99.95x) + 5$ .



# MATH TEST

Calculator: Not Permitted

In this equation, what is the value of  $k$ ?

$$\frac{5(k+2)-7}{6} = \frac{13-(4-k)}{9}$$

- (A)  $\frac{9}{7}$
- (B)  $\frac{9}{13}$
- (C)  $\frac{33}{17}$
- (D)  $\frac{33}{13}$





## MATH TEST

Calculator: Not Permitted

In this equation, what is the value of  $k$ ?

$$\frac{5(k+2)-7}{6} = \frac{13-(4-k)}{9}$$

In this problem, students will demonstrate their fluency in solving equations in one variable.

Choice B is correct. Simplifying the numerators yields

$$\frac{5k+3}{6} = \frac{9+k}{9}$$

and cross-multiplication gives  $45k + 27 = 54 + 6k$ .

Solving for  $k$  yields  $k = \frac{9}{13}$

(A)  $\frac{9}{7}$

**(B)  $\frac{9}{13}$**

(C)  $\frac{33}{17}$

(D)  $\frac{33}{13}$



# MATH SECTION

Student-Produced Responses

## Sample Grids

Instead of choosing a correct answer from a list of options, you'll need to solve problems and enter your answers in the grids provided on the answer sheet.

\$1.75

	1	.	7	5
	/	/		
.	●	.	.	.
	0	0	0	0
●	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	●	5
6	6	6	6	6
7	7	●	7	7
8	8	8	8	8
9	9	9	9	9

$2\frac{1}{3}$

	7	/	3	
	●	/		
.	.	.	.	.
	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	●	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
●	7	7	7	7
8	8	8	8	8
9	9	9	9	9

0.444 ...

.	4	4	4
	/	/	
●	.	.	.
	0	0	0
1	1	1	1
2	2	2	2
3	3	3	3
4	●	●	●
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

20%

.	2		
	/	/	
●	.	.	.
	0	0	0
1	1	1	1
2	●	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9

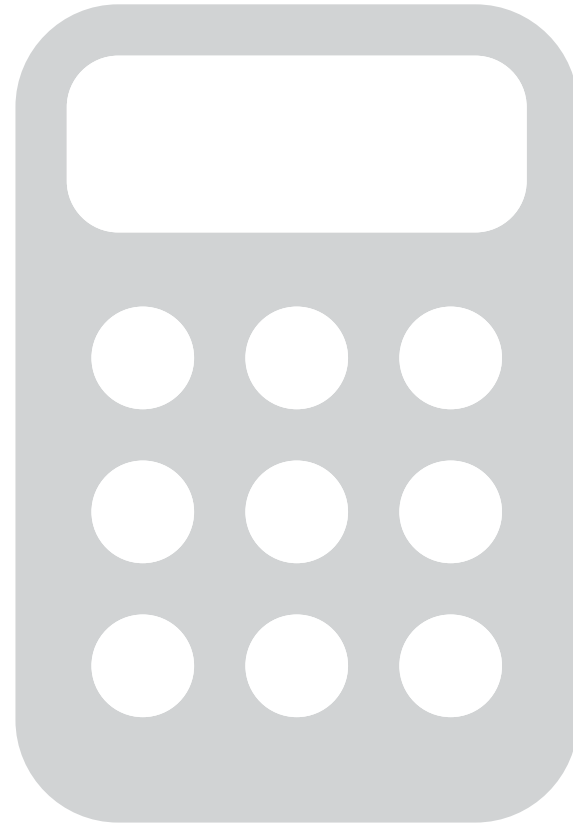


## MATH SECTION

Math Test – Calculator

# Know Your Calculator

- » A scientific or graphing calculator is recommended.
- » Bring a familiar calculator. Test day is not the time to figure out how to use a new calculator.





## MATH SECTION

Math Test – Calculator

# Additional calculator tips:

- » Don't try to use the calculator on every question – no question requires one.
- » Decide how to solve each problem; then decide whether to use a calculator.
- » Make sure your calculator is in good working order and that batteries are fresh.
- » You will not be permitted to use laptops or other computers, tablets, cell phones, or smartphones, etc. Please reference the student guide for a complete list.

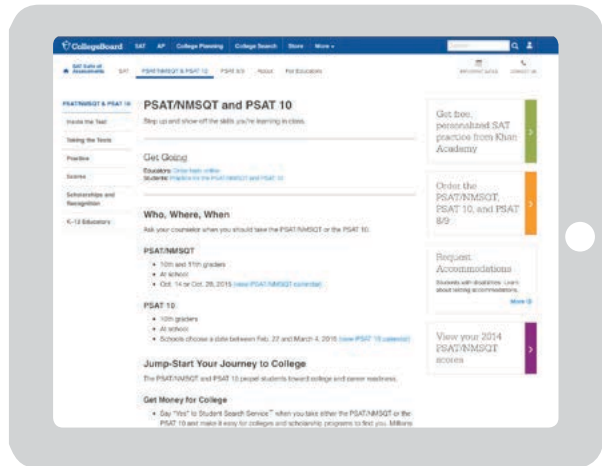


# Resources



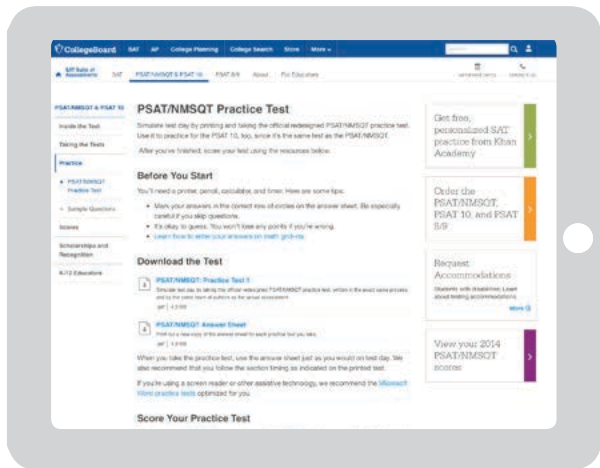
For personalized resources aligned to the SAT® Suite of Assessments (including the PSAT/NMSQT®), please visit:

[khanacademy.org/sat](https://khanacademy.org/sat)



For general information about the new PSAT/NMSQT, please visit:

[collegeboard.org/psat](https://collegeboard.org/psat)



Take the practice test in the *Official Student Guide to the PSAT/NMSQT*<sup>®</sup>, available through your counselor or at:

[collegeboard.org/psatpractice](http://collegeboard.org/psatpractice)



To find out more about National Merit Scholarship Corporation and its scholarships, visit:

[nationalmerit.org/nmsp.php](http://nationalmerit.org/nmsp.php)

# Take the PSAT/NMSQT®

How to Sign Up: \_\_\_\_\_

Test Day/Date: \_\_\_\_\_

Time: \_\_\_\_\_

Location: \_\_\_\_\_

## Make sure you bring:

- » Two No. 2 pencils
- » Calculator (optional)





**Good Luck!**