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NYS AP EXAM + ELEMENTARY ELA + MATH TEST

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Advanced Placement Test

Who takes this test?

- All high school level students

When is the test given?

- Usually the first two-weeks of May every year

Advanced Placement Test

What is on the test?

Each of the 38 exams has its own unique requirements; however, almost all of the exams have several things in common:

- Most exams are two to three hours long.
- The first part of the exam usually consists of multiple-choice questions.
 - Students will choose one of four or five answer choices for each question.
 - For the multiple-choice section, students will not receive or lose points for incorrect answers or unanswered questions.

Advanced Placement Test

The second part of the exam usually consists of free-response questions that require student to generate their own responses.

- Depending on the exam, responses could be in the form of an essay, a solution to a problem, or a spoken response.
- In most cases, students will write their response in pen in the free-response exam booklet.

Advanced Placement Test

How is the test scored? (5-point scale)

5 = extremely well qualified

4 = well qualified

3 = qualified

2 = possibly qualified

1 = no recommendation

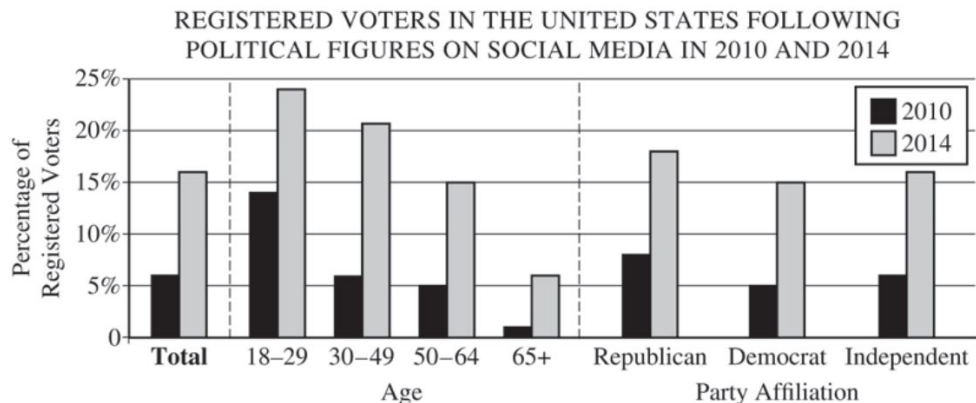
AP Exam scores of 5 are equivalent to grades of A+ and A in the corresponding college course. AP Exam scores of 4 are equivalent to grades of A-, B+, and B in college. AP Exam scores of 3 are equivalent to grades of B-, C+, and C in college.

Section	Question Type	Number of Questions	Timing	Percentage of Total Exam Score
I	Part A: Multiple-choice questions	55 questions	55 minutes	40%
	Part B: Short-answer questions	3 questions <ul style="list-style-type: none"> ♦ Required Question 1: periods 3–8 ♦ Required Question 2: periods 3–8 ♦ Choose between <ul style="list-style-type: none"> ♦ Question 3: periods 1–5 OR ♦ Question 4: periods 6–9 	40 minutes	20%
II	Part A: Document-based question	1 question: periods 3–8	60 minutes (includes a 15-minute reading period)	25%
	Part B: Long essay question	1 question, chosen from three options on the same theme: <ul style="list-style-type: none"> ♦ periods 1–3 ♦ periods 4–6 ♦ periods 7–9 	40 minutes	15%

AP History Test Component Sample

Section I: Multiple-Choice Questions

Questions 1 and 2 refer to the graph.



Source: Pew Research Center, 2014. www.pewresearch.org

AP US Government and
Politics
Sample practice

1. Which of the following statements is reflected in the data in the chart?
 - (A) Those who are younger are more likely to be registered to vote than those who are older.
 - (B) Among registered voters, there was a steep increase in social media usage to follow political figures across all age groups and party affiliations.
 - (C) Registered voters in the 65+ age group did not increase their use of social media to follow political figures.
 - (D) Of those using social networking sites, those registered as Republican were more likely to vote than those registered as Democrats.

2. Which of the following is a potential consequence of the trend illustrated in the bar chart?
- (A) Social media has led to more candidates running as independents rather than as members of political parties.
 - (B) Elected officials and candidates running for office are increasingly using social media to reach out to voters and constituents.
 - (C) Social networking sites such as Facebook or Twitter have been overrun with political content.
 - (D) Social networking sites have led to increased political polarization in the general public.

More Resources on AP Exam

<https://apstudents.collegeboard.org/>

New York State High School Regents Exams

Who takes the test?

Students have the opportunity to take Regents Exams in grades 9-12 and, when appropriate, in grade eight. Students may also take Regents exams after leaving high school to earn a diploma.

When is the test given?

Normally was offered in January, June, and August.

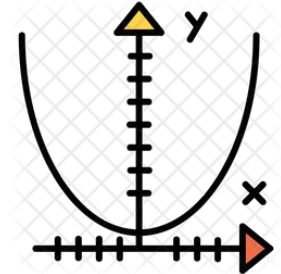
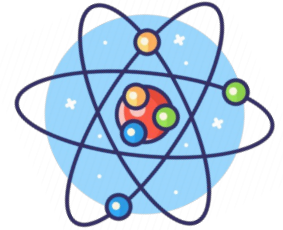
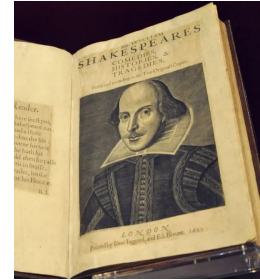
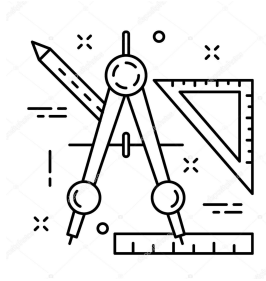
What is on the test?

The content will vary by exam subject. All exams have multiple choice and open-ended questions.

New York State High School Regents Exams

NY State offers Regents exams in the following subject areas:

- English Language Arts
- Math
 - Algebra I
 - Algebra II/Trigonometry
 - Geometry
- Science
 - Chemistry
 - Earth Science
 - Living Environment
 - Physics
- Social Studies
 - Global History and Geography
 - U.S. History



English Regent Sample Questions

- 1 The figurative language in lines 5 through 7 establishes a tone of
- (1) loneliness
 - (2) confusion
 - (3) desperation
 - (4) shame
- 2 The second paragraph contributes to a central idea by exposing
- (1) a contrast between the Grandmother's expectations and reality
 - (2) the family's denial of the Grandmother's needs
 - (3) a struggle between the family's obligations and desires
 - (4) the Grandmother's appreciation of the family's lifestyle
- 3 The details in lines 33 through 38 convey a feeling of
- (1) patience
 - (2) annoyance
 - (3) anticipation
 - (4) nostalgia

Part 2

Argument

Directions: Closely read each of the *four* texts provided on pages 13 through 20 and write a source-based argument on the topic below. You may use the margins to take notes as you read and scrap paper to plan your response. Write your argument beginning on page 1 of your essay booklet.

Topic: Does the Internet have a negative impact on our thinking process?

Your Task: Carefully read each of the *four* texts provided. Then, using evidence from at least *three* of the texts, write a well-developed argument regarding whether or not the Internet has a negative impact on our thinking process. Clearly establish your claim, distinguish your claim from alternate or opposing claims, and use specific, relevant, and sufficient evidence from at least *three* of the texts to develop your argument. Do *not* simply summarize each text.

Guidelines:

Be sure to:

- Establish your claim regarding whether or not the Internet has a negative impact on our thinking process
- Distinguish your claim from alternate or opposing claims
- Use specific, relevant, and sufficient evidence from at least *three* of the texts to develop your argument
- Identify each source that you reference by text number and line number(s) or graphic (for example: Text 1, line 4 or Text 2, graphic)
- Organize your ideas in a cohesive and coherent manner
- Maintain a formal style of writing
- Follow the conventions of standard written English

Texts:

Text 1 – OK, Google, Where Did I Put My Thinking Cap?

Text 2 – Author Nicholas Carr: The Web Shatters Focus, Rewires Brains

Text 3 – The Memex in Your Pocket

Text 4 – Are We Losing Our Ability to Think Critically?

Part 3

Text-Analysis Response

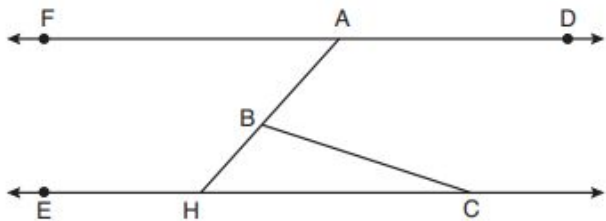
Your Task: Closely read the text provided on pages 22 and 23 and write a well-developed, text-based response of two to three paragraphs. In your response, identify a central idea in the text and analyze how the author's use of *one* writing strategy (literary element or literary technique or rhetorical device) develops this central idea. Use strong and thorough evidence from the text to support your analysis. Do *not* simply summarize the text. You may use the margins to take notes as you read and scrap paper to plan your response. Write your response in the spaces provided on pages 7 through 9 of your essay booklet.

Guidelines:

Be sure to:

- Identify a central idea in the text
- Analyze how the author's use of *one* writing strategy (literary element or literary technique or rhetorical device) develops this central idea. Examples include: characterization, conflict, denotation/connotation, metaphor, simile, irony, language use, point-of-view, setting, structure, symbolism, theme, tone, etc.
- Use strong and thorough evidence from the text to support your analysis
- Organize your ideas in a cohesive and coherent manner
- Maintain a formal style of writing
- Follow the conventions of standard written English

1 In the diagram below, $\overline{FAD} \parallel \overline{EHC}$, and \overline{ABH} and \overline{BC} are drawn.



If $m\angle FAB = 48^\circ$ and $m\angle ECB = 18^\circ$, what is $m\angle ABC$?

- (1) 18° (3) 66°
(2) 48° (4) 114°

Geometry Regent Sample Questions

2 A cone has a volume of 108π and a base diameter of 12. What is the height of the cone?

- (1) 27 (3) 3
(2) 9 (4) 4

3 Triangle JGR is similar to triangle MST . Which statement is *not* always true?

- (1) $\angle J \cong \angle M$ (3) $\angle R \cong \angle T$
(2) $\angle G \cong \angle T$ (4) $\angle G \cong \angle S$

1 If $f(x) = 2(3^x) + 1$, what is the value of $f(2)$?

(1) 13

(3) 37

(2) 19

(4) 54

2 A high school sponsored a badminton tournament. After each round, one-half of the players were eliminated. If there were 64 players at the start of the tournament, which equation models the number of players left after 3 rounds?

(1) $y = 64(1 - .5)^3$

(3) $y = 64(1 - .3)^{0.5}$

(2) $y = 64(1 + .5)^3$

(4) $y = 64(1 + .3)^{0.5}$

3 Given $7x + 2 \geq 58$, which number is *not* in the solution set?

(1) 6

(3) 10

(2) 8

(4) 12

Algebra I Regent Sample Questions

1 The expression $\sqrt[4]{81x^8y^6}$ is equivalent to

(1) $3x^2y^{\frac{3}{2}}$

(3) $9x^2y^{\frac{3}{2}}$

(2) $3x^4y^2$

(4) $9x^4y^2$

2 Chet has \$1200 invested in a bank account modeled by the function $P(n) = 1200(1.002)^n$, where $P(n)$ is the value of his account, in dollars, after n months. Chet's debt is modeled by the function $Q(n) = 100n$, where $Q(n)$ is the value of debt, in dollars, after n months.

After n months, which function represents Chet's net worth, $R(n)$?

(1) $R(n) = 1200(1.002)^n + 100n$

(2) $R(n) = 1200(1.002)^{12n} + 100n$

(3) $R(n) = 1200(1.002)^n - 100n$

(4) $R(n) = 1200(1.002)^{12n} - 100n$

3 Emmeline is working on one side of a polynomial identity proof used to form Pythagorean triples. Her work is shown below:

$$(5x)^2 + (5x^2 - 5)^2$$

Step 1: $25x^2 + (5x^2 - 5)^2$

Step 2: $25x^2 + 25x^2 + 25$

Step 3: $50x^2 + 25$

Step 4: $75x^2$

What statement is true regarding Emmeline's work?

(1) Emmeline's work is entirely correct.

(2) There is a mistake in step 2, only.

(3) There are mistakes in step 2 and step 4.

(4) There is a mistake in step 4, only.

Algebra II Regent Sample Questions

More Resources on NYS Regents Exams

<https://www.nysedregents.org/>

https://en.wikipedia.org/wiki/Regents_Examinations

New York State English Language Arts Test

Who takes the test?

Students in grades 3–8 take the State English Language Arts (ELA) test each spring.

Students who have been in the United States for less than one year are not required to take the NY State ELA test in their grade, but must start taking ELA tests after their first year. Some students with disabilities may take the NY State Alternate Assessments (NYSAA) in place of the State test, if it says so on their Individualized Education Plan (IEP).

New York State English Language Arts Test

When is the test given?

For school year 2020-21, English Language Arts exam dates are April 20-21.

What is on the test?

The ELA test is an untimed test that contains several different kinds of question. Students answer **multiple-choice** questions based on short passages they read, and write **responses** to open-ended questions based on stories, articles, or poems they listen to or read.

1 What does the word “assistant” mean as it is used in paragraph 2?

- A** helper
- B** leader
- C** neighbor
- D** friend

Grade 3 ELA Sample Questions

2 Which sentence from the passage shows a cause and effect relationship?

- A** “But there is one parrot who speaks more than a hundred words and actually understands their meanings.” (paragraph 1)
- B** “Teaching Alex to speak words that he understands has let Irene talk to him directly.” (paragraph 3)
- C** “In this way, Irene is finding out what sorts of things Alex’s brain can do.” (paragraph 3)
- D** “He can also make comparisons, such as bigger or smaller and same or different, between objects.” (paragraph 4)

4 In paragraph 16, what does the phrase “like being a snail” help the reader to understand about Craig?

- A** He skates very slowly.
- B** He moves in a crooked line.
- C** He searches for a place to hide.
- D** He looks like all the other skaters.

5 Which sentence **best** describes how paragraph 6 relates to paragraph 23?

- A** Paragraph 6 provides a problem and paragraph 23 provides a solution.
- B** Paragraph 6 asks a question and paragraph 23 provides an answer.
- C** Paragraph 6 provides a cause and paragraph 23 shows an effect.
- D** Paragraph 6 provides similarities and paragraph 23 shows differences.

28

In “Excerpt from *Just the Right Gift*,” what do the details in paragraphs 17 through 21 show about the mother? Use **two** details from the story to support your response.

New York State Math Test

Who takes this test?

Students in grades 3–8 take the State Mathematics test each spring.

When is this test given?

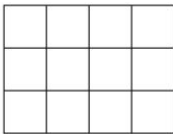
For school year 2020-21, math exam dates are May 4-5.

What is on the test?

The math test is an untimed test that contains several different types of questions. Students answer multiple choice and open-ended questions.

1

The array below represents a product.



Which expression can be used to find the product represented by the array?

- A $4 + 3$
- B $4 + 4 + 4 + 4$
- C 3×4
- D $3 \times 3 \times 3 \times 3$

2

Lucy is counting by 2s. She starts with the number 2 and stops at the number 50. Which number would Lucy **not** count?

- A 11
- B 22
- C 34
- D 48

Grade 3 Math Test Sample Question

6 Jess scored 18 points during her last basketball game. Each basket she made was worth 2 points. How many baskets did she make?

A 20

B 16

C 9

D 8

7 A librarian receives two boxes of books for the library. The first box has 136 books. The second box has 58 fewer books than the first box. What is the total number of books the librarian receives?

A 58

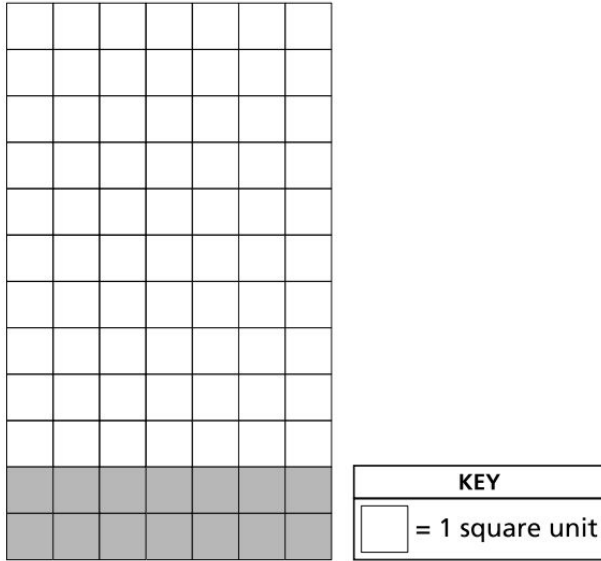
B 78

C 194

D 214

15

The figure below represents a floor covered with white tiles and gray tiles.



Which expression could be used to find the area, in square units, of the entire floor?

A $(12 + 7) \times (12 + 7)$

C $(10 + 7) \times (2 + 7)$

B $(12 \times 7) + (12 \times 7)$

D $(10 \times 7) + (2 \times 7)$

More Resources on NYS ELA+Math Test

<https://www.engageny.org/resource/released-2019-3-8-ela-and-mathematics-state-test-questions>

<https://www.engageny.org/>

Gifted and Talented Test

Who takes this test?

Students entering kindergarten through grade three in the upcoming school year can sign up to take the Gifted and Talented (G&T) test.

When is this test given?

Families may file a Request for Testing in the fall, and the test is administered to students in January.

What is on the test?

The test consists of pictorial items from the Naglieri Nonverbal Ability Test (NNAT) and verbal test items from the Otis-Lennon School Ability Test (OLSAT).

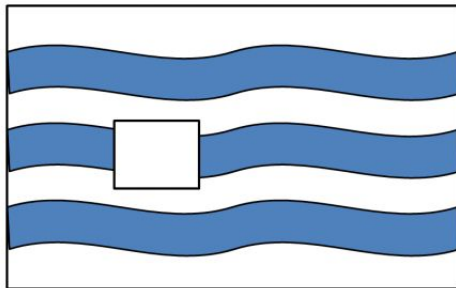
Gifted and Talented Test

The nonverbal G&T assessment measures reasoning skills without the use of spoken language.

The verbal G&T assessment measures reasoning and comprehension skills that require children to pay close attention and listen carefully to oral instructions.

There are 48 nonverbal items and 30 verbal items on the G&T test. The test is not timed, and children work at their own pace, but it usually takes between 30 minutes and one hour to complete.

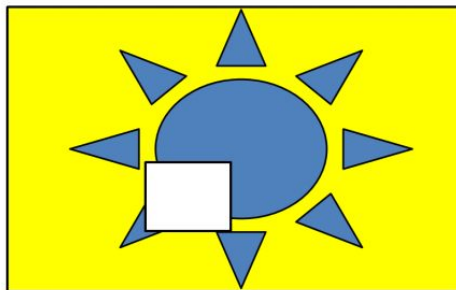
1



- A
- B
- C
- D
- E

G&T Test
Sample Questions

2

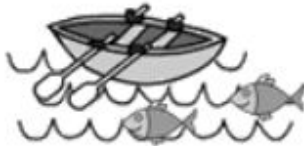


- A
- B
- C
- D
- E

8



9



More Practice Resources on G&T Test

<https://www.testingmom.com/tests/gifted-talented-nyc/sample-practice-test-questions/>

<http://www.originstutoring.com/blog/gifted-and-talented-sample-test-questions>