



New York State
EDUCATION DEPARTMENT
Knowledge > Skill > Opportunity

New York State Testing Program
Grade 6
Mathematics Test
(Haitian Creole)

Released Questions

2024

New York State administered the Mathematics Tests in May 2024 and is making approximately 75% of the questions from these tests available for review and use.



New York State Testing Program

Grades 3–8 Mathematics

Released Questions from 2024 Exams

Background

As in past years, SED is releasing large portions of the 2024 NYS Grades 3–8 English Language Arts and Mathematics test materials for review, discussion, and use.

For 2024, included in these released materials are at least 75 percent of the test questions that appeared on the 2024 tests (including all constructed-response questions) that counted toward students' scores. Additionally, SED is also providing a map that details what each released question measures and the correct response to each question. These released materials will help students, families, educators, and the public better understand the tests and the New York State Education Department's expectations for students.

Understanding Math Questions

Multiple-Choice Questions

Multiple-choice questions are designed to assess the New York State P–12 Next Generation Learning Standards for Mathematics. Mathematics multiple-choice questions will be used mainly to assess standard algorithms and conceptual standards. Multiple-choice questions incorporate both the grade-level standards and the “Standards for Mathematical Practices.” Many questions are framed within the context of real-world applications or require students to complete multiple steps. Likewise, many of these questions are linked to more than one standard, drawing on the simultaneous application of multiple skills and concepts.

One-Credit Constructed-Response Questions

One-credit constructed-response questions require students to complete a task and provide only their final answer. These one-credit questions will often require multiple steps, assessing procedural skills, as well as conceptual understanding and application. While students may show how they arrived at their final answer, only the final answer will be scored.

Two-Credit Constructed-Response Questions

Two-credit constructed-response questions require students to complete tasks and show their work. These two-credit response questions will often require multiple steps, the application of multiple mathematics skills, and real-world applications. Many of the short-response questions will cover conceptual and application standards.

Three-Credit Constructed-Response Questions

Three-credit constructed-response questions ask students to show their work in completing two or more tasks or a more extensive problem. These three-credit response questions allow students to show their understanding of mathematical procedures, conceptual understanding, and application. Three-credit response questions may also assess student reasoning and the ability to critique the arguments of others. The scoring rubric for all constructed-response questions can be found in the grade-level Educator Guides at <http://www.nysed.gov/state-assessment/grades-3-8-ela-and-math-test-manuals>.

New York State P–12 Next Generation Learning Standards Alignment

The alignment(s) to the New York State P–12 Next Generation Learning Standards for Mathematics is/are intended to identify the primary analytic skills necessary to successfully answer each question. However, some questions measure proficiencies described in multiple standards, including a balanced combination of procedure and conceptual understanding. For example, two-credit and three-credit constructed-response questions require students to show an understanding of mathematical procedures, concepts, and applications.

These Released Questions Do Not Comprise a “Mini Test”

To ensure it is possible to develop future tests, some content must remain secure. This document is *not* intended to be representative of the entire test, to show how operational tests look, or to provide information about how teachers should administer the test; rather, its purpose is to provide an overview of how the test reflects the demands of the New York State P–12 Next Generation Learning Standards.

The released questions do not represent the full spectrum of the standards assessed on the State tests, nor do they represent the full spectrum of how the standards should be taught and assessed in the classroom. It should not be assumed that a particular standard will be measured by an identical question in future assessments.

Non: _____



Haitian Creole Edition
Grade 6 2024
Mathematics Test
Session 1
Spring 2024

**Pwogram Egzamen
Eta Nouyòk
Egzamen Matematik
Seyans 1**

6yèm ane

Prentan 2024

RELEASED QUESTIONS

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Seyans 1



KONSÈY POU FÈ EGZAMEN AN

Men kèk ide k ap ede ou fè ekzamen an pi byen:

- Li chak kesyon ak atansyon. Pran tan ou.
- Ou genyen yon règ, yon rapòtè, ak yon fèy referans ou ka itilize pandan ekzamen an si yo ka ede ou reponn kesyon an.

2

Ki ekspresyon ki reprezante 5 plis pase pwodwi 2 ak y ?

A $2 + y + 5$

B $2y + 5$

C $5 + \frac{2}{y}$

D $5 + \frac{y}{2}$

KONTINYE

3

Ki valè b ki fè inegalite a $3b > 12$ vrè?

- A 2
- B 3
- C 4
- D 5

4

Nou kapab itilize yon plan kowòdone pou montre distans, an inite, ki genyen ant de pozisyon. Yo mete pozisyon kay Jack ak pozisyon yon boutik anba a.

- Pozisyon kay Jack la se $(-7, -8)$.
- Pozisyon boutik la se $(-7, 4)$.

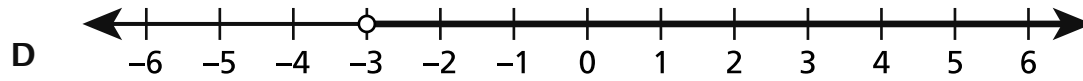
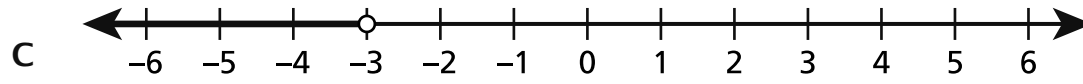
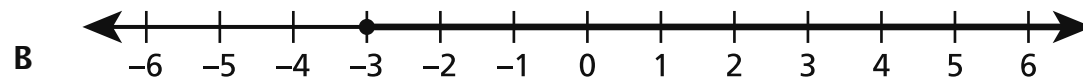
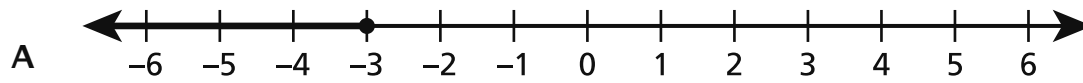
Ki distans, an inite, ki genyen ant kay Jack la ak boutik la?

- A 4
- B 8
- C 12
- D 14

KONTINYE

11

Ki dwat nimerik ki reprezante $x \geq -3$?



KONTINYE

14 Ki valè ekspresyon an $8^2 \div 4 \times 2^3$ genyen?

- A 16
- B 24
- C 96
- D 128

15 Ben achte $1\frac{1}{4}$ liv nwa epi li mete yo nan valiz. Chak valiz kenbe $\frac{1}{8}$ liv nwa. Li itilize tout nwa yo pou l ranpli chak sachè konplètman. Konbyen sachè Ben ranpli avèk nwa yo?

- A $\frac{5}{32}$
- B $1\frac{1}{8}$
- C 2
- D 10

KONTINYE

18 Ki ekspresyon ki reprezante opoze nonb lan $-2\frac{1}{2}$?

A $-\left(2\frac{1}{2}\right)$

B $-(-2\frac{1}{2})$

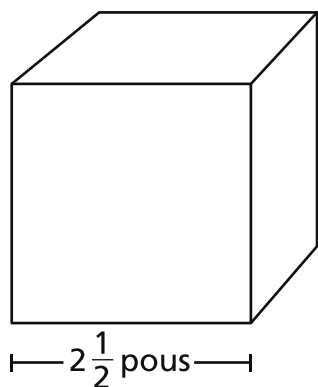
C $-2\left(\frac{1}{2}\right)$

D $2\left(-\frac{1}{2}\right)$

KONTINYE

20

Yo montre dyagram yon kib anba a.



Ki volim la, an pous kib, kib la?

- A $1\frac{7}{8}$
- B $7\frac{1}{2}$
- C $15\frac{5}{8}$
- D $20\frac{5}{6}$

KONTINYE

22 Tammy ak Jacob ap koleksyone tenb. Tammy gen s tenb. Jacob gen 4 fwa mwens pase 3 fwa nonb tenb Tammy genyen. Ki ekspresyon nou kapab itilize pou reprezante nonb tenb Jacob genyen?

A $3 - 4s$

B $3s - 4$

C $4 - 3s$

D $4s - 3$

23 Gen yon resipyan ki kenbe 6 galon likid. Konbyen pent likid resipyan an kenbe?

A 6

B 8

C 24

D 48

KONTINYE

26

Ki pè òdone ki reprezante pozisyon pwen ki se refleksyon pwen an $(-4, 6)$ sou aks x la?

A $(4, 6)$

B $(-4, -6)$

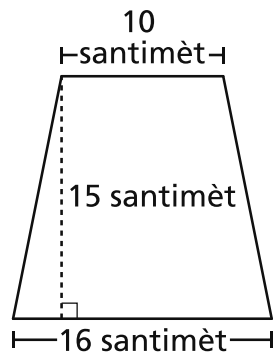
C $(6, -4)$

D $(-6, 4)$

KONTINYE

28

Yo montre yon trapèz izosèl anba a.



Kisa sifas la ye, an santimèt kare, pou trapèz izosèl lan?

- A 120
- B 150
- C 195
- D 240

29

Yo montre yon inegalite anba a.

$$-\frac{9}{20} > -\frac{21}{24}$$

Ki deklarasyon konsènan pozisyon nonb yo sou dwat nimerik la ki vrè?

- A $-\frac{9}{20}$ li agoch $-\frac{21}{24}$ epi li adwat 0 sou yon dwat nimerik.
- B $-\frac{9}{20}$ li adwat $-\frac{21}{24}$ epi li agoch 0 sou yon dwat nimerik.
- C $-\frac{9}{20}$ li agoch $-\frac{21}{24}$ epi li agoch 0 sou yon dwat nimerik.
- D $-\frac{9}{20}$ li adwat $-\frac{21}{24}$ epi li adwat 0 sou yon dwat nimerik.

KONTINYE

6yèm ane
Egzamen Matematik
Seyans 1
Prentan 2024

Grade 6
Mathematics Test
Session 1
Spring 2024

Non: _____



Haitian Creole Edition
Grade 6 2024
Mathematics Test
Session 2
Spring 2024

**Pwogram Egzamen
Eta Nouyòk
Egzamen Matematik
Seyans 2**

6yèm ane

Prentan 2024

RELEASED QUESTIONS

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Seyans 2



KONSÈY POU FÈ EGZAMEN AN

Men kèk ide k ap ede ou fè ekzamen an pi byen:

- Li chak kesyon ak atansyon. Pran tan ou.
- Ou genyen yon règ, yon rapòtè, ak yon fèy referans, ak yon kalkilatri ou ka itilize pandan ekzamen an si yo ka ede ou reponn kesyon an.
- Asire w ou montre kijan w fè jwenn repons lan lè yo mande ou sa.
- Asire w ou eksplike repons ou an lè yo mande ou pou fè sa.

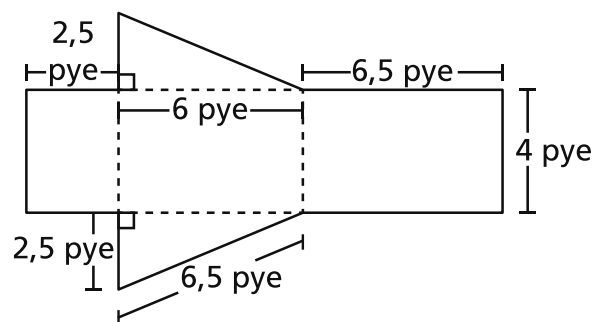
31

Yon pòsyon soda 8 ons gen 104 kalori. Konbyen kalori ki gen nan 1 ons soda?

- A 13
- B 26
- C 52
- D 96

32

Jose konstwi yon ranp planch a woulèt an fòm pris triyangilè dwat. Filè anba a montre dimansyon chak pati nan ranp lan.



Kisa sifas la ye, an pye kare, pou ranp lan?

- A 90
- B 75
- C 51
- D 44

KONTINYE

33 Nonb 4 se 16% ki nonb?

- A 12
- B 20
- C 25
- D 64

34 Gen yon machin ki pwodwi chokola nan yon to konstan. Nan 42 minit, machin nan pwodwi 7 liv chokola. Konbyen tan, an minit, machin lan ap pran pou pwodwi 9 liv chokola?

- A 6
- B 15
- C 54
- D 63

35 Yo montre dimansyon yon bwat sereyal ki gen fòm yon pris rektangilè dwa anba a.

$$8\frac{1}{10} \text{ pous pa } 4\frac{4}{5} \text{ pous pa } 12\frac{1}{2} \text{ pous}$$

Kisa volim la ye, an pous kib, pou bwat sereyal la?

- A 24
- B $25\frac{2}{5}$
- C $384\frac{1}{25}$
- D 486

KONTINYE

36

Gen yon konpayi titè ki fè moun peye \$25,00 pa èdtan pou bay elèv la yon titè. Konbyen èdtan kou ak titè a ki ta kapab koute \$62,50 ?

A $2\frac{1}{2}$

B $3\frac{1}{2}$

C $37\frac{1}{2}$

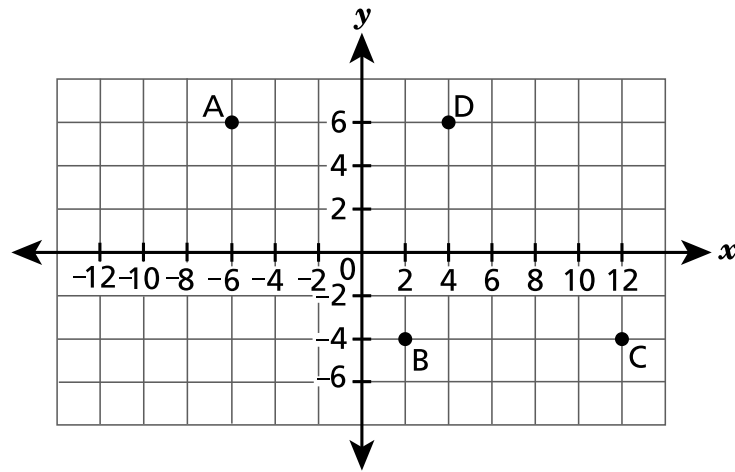
D $87\frac{1}{2}$

KONTINYE

37

Kesyon sa a vo 1 kredi.

Yo trase kat somè yon paralelologram sou plan kowòdone yo montre anba a.



Kisa distans lan ye, an inite, ant somè A ak D ?

Repons _____ inite

KONTINYE

38

Kesyon sa a vo 1 kredi.

Ki valè n ki fè ekwasyon an $\frac{n}{8} = 17$ vrè?

Repons _____

KONTINYE

39

Kesyon sa a vo 1 kredi.

Gen yon atis ki itilize yon pwopòsyon 6 galon penti oranj pou 8 galon penti ble. Si atis la itilize 1 galon penti ble, konbyen galon penti oranj li pral itilize?

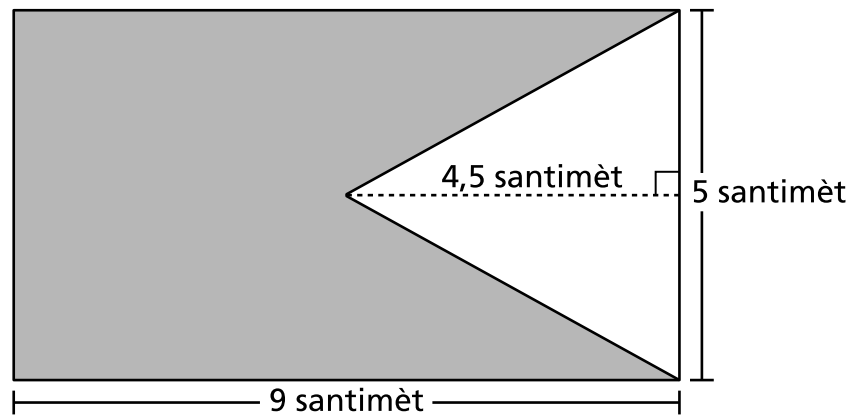
Repons _____ galon

KONTINYE

40

Kesyon sa a vo 2 kredi.

Yo montre yon dyagram yon drapo rektangilè, avèk yon seksyon ki achire, nan imaj anba a.



Ki sifas, an santimèt kare, seksyon ki achire nan drapo a?

Montre kijan ou fè pou jwenn repons lan.

Repons _____ santimèt kare

KONTINYE

41

Kesyon sa a vo 2 kredi.

Gen yon elèv ki deklare ekspresyon an $6 + 8x$ se ekivalan ak ekspresyon $3(3 + 5x)$. Kisa ki pa kòrèk nan deklarasyon elèv la? Asire w ou enkli yon ekspresyon ekivalan ak $3(3 + 5x)$ nan repons ou an.

Eksplike repons ou an.

KONTINYE

42

Kesyon sa a vo 2 kredi.

Mike bezwen yon tikè chak fwa l ap monte bis lan. Nan ekwasyon yo bay la $c = 2,75t$, ki relasyon ki genyen ant t , kantite tikè Mike achte, ak c , pri total la? Asire w ou idantifye ki varyab ki endepandan ak ki varyab ki depandan nan repons ou an.

Eksplike repons ou an.

KONTINYE

43

Kesyon sa a vo 2 kredi.

Gen yon elèv ki deklare 4 se pi gwo faktè komen pou 24 ak 40, paske toude nonb sa yo se de miltip 4. Èske deklarasyon elèv la kòrèk?

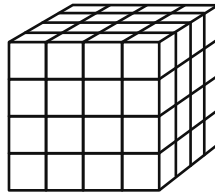
Eksplike kijan ou te fè pou jwenn repons la.

KONTINYE

44

Kesyon sa a vo 2 kredi.

Yo montre yon pris ki konpoze ak kib inite anba a.



Ki kib pafè volim pris la reprezante? Asire w ou enkli nan repons ou an sa ou konnen sou volim ak ekspozan yo.

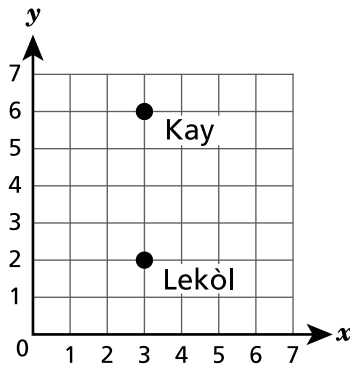
Eksplike repons ou an.

KONTINYE

45

Kesyon sa a vo 2 kredi.

Yo reprezante pozisyon lekòl ak kay Jake sou plan kowòdone yo montre anba a.



Kisa distans lan ye, an inite, soti nan lekòl Jake la pou rive lakay li? Asire w ou enkli kowòdone pou toude adrès yo ak fason ou kapab itilize kowòdone sa yo pou detèmine repons ou an.

Eksplike kijan ou te fè pou jwenn repons la.

KONTINYE

Kesyon sa a vo 3 kredi.

Rex ak Nero ap ekonomize lajan pou achte nouvo bisiklèt. Yo toulède kòmanse avèk \$0,00 epi ekonomize nan yon to konstan pandan 16 mwa. Tablo anba yo montre kantite lajan total Rex ak Nero ekonomize, an dola, nan fen diferan nonb mwa.

EKONOMI REX

Nonb Mwa	2	4	6	8
Ekonomi (dola)	18	36	54	72

EKONOMI NERO

Nonb Mwa	3	6	9	12
Ekonomi (dola)	36	72	108	144

Lè 16 mwa yo fin pase, ki diferans ant kantite lajan Rex ekonomize ak kantite lajan Nero ekonomize?

Montre kijan ou fè pou jwenn repons lan.

Repons \$ _____

KANPE LA

6yèm ane
Egzamen Matematik
Seyans 2
Prentan 2024

Grade 6
Mathematics Test
Session 2
Spring 2024

THE STATE EDUCATION DEPARTMENT
THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234
2024 Mathematics Tests Map to the Standards
Grade 6

Question	Type	Key	Points	Standard	Cluster	Subscore	Secondary Standard(s)
Session 1							
2	Multiple Choice	B	1	NGLS.Math.Content.NY-6.EE.2a	Expressions and Equations	Expressions and Equations	
3	Multiple Choice	D	1	NGLS.Math.Content.NY-6.EE.5	Expressions and Equations	Expressions and Equations	
4	Multiple Choice	C	1	NGLS.Math.Content.NY-6.NS.8	The Number System	The Number System	
11	Multiple Choice	B	1	NGLS.Math.Content.NY-6.EE.8	Expressions and Equations	Expressions and Equations	
14	Multiple Choice	D	1	NGLS.Math.Content.NY-6.EE.1	Expressions and Equations	Expressions and Equations	
15	Multiple Choice	D	1	NGLS.Math.Content.NY-6.NS.1	The Number System	The Number System	
18	Multiple Choice	B	1	NGLS.Math.Content.NY-6.NS.6a	The Number System	The Number System	
20	Multiple Choice	C	1	NGLS.Math.Content.NY-6.G.2	Geometry		
22	Multiple Choice	B	1	NGLS.Math.Content.NY-6.EE.6	Expressions and Equations	Expressions and Equations	
23	Multiple Choice	D	1	NGLS.Math.Content.NY-6.RP.3d	Ratios and Proportional Relationships	Ratios and Proportional Relationships	
26	Multiple Choice	B	1	NGLS.Math.Content.NY-6.NS.6b	The Number System	The Number System	
28	Multiple Choice	C	1	NGLS.Math.Content.NY-6.G.1	Geometry		
29	Multiple Choice	B	1	NGLS.Math.Content.NY-6.NS.7a	The Number System	The Number System	
Session 2							
31	Multiple Choice	A	1	NGLS.Math.Content.NY-6.RP.2	Ratios and Proportional Relationships	Ratios and Proportional Relationships	
32	Multiple Choice	B	1	NGLS.Math.Content.NY-6.G.4	Geometry		
33	Multiple Choice	C	1	NGLS.Math.Content.NY-6.RP.3c	Ratios and Proportional Relationships	Ratios and Proportional Relationships	
34	Multiple Choice	C	1	NGLS.Math.Content.NY-6.RP.3b	Ratios and Proportional Relationships	Ratios and Proportional Relationships	
35	Multiple Choice	D	1	NGLS.Math.Content.NY-6.G.2	Geometry		
36	Multiple Choice	A	1	NGLS.Math.Content.NY-6.EE.7	Expressions and Equations	Expressions and Equations	NGLS.Math.Content.NY-6.RP.3b
37	Constructed Response	n/a	1	NGLS.Math.Content.NY-6.G.3	Geometry		
38	Constructed Response	n/a	1	NGLS.Math.Content.NY-6.EE.7	Expressions and Equations	Expressions and Equations	
39	Constructed Response	n/a	1	NGLS.Math.Content.NY-6.RP.2	Ratios and Proportional Relationships	Ratios and Proportional Relationships	NGLS.Math.Content.NY-6.RP.3b
40	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.G.1	Geometry		
41	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.EE.4	Expressions and Equations	Expressions and Equations	
42	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.EE.9	Expressions and Equations	Expressions and Equations	
43	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.NS.4	The Number System	The Number System	
44	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.G.5	Geometry		
45	Constructed Response	n/a	2	NGLS.Math.Content.NY-6.NS.8	The Number System	The Number System	
46	Constructed Response	n/a	3	NGLS.Math.Content.NY-6.RP.3a	Ratios and Proportional Relationships	Ratios and Proportional Relationships	

*This item map is intended to identify the primary analytic skills necessary to successfully answer each question. However, some questions measure proficiencies described in multiple standards, including a balanced combination of procedural and conceptual understanding.