New York State
EDUCATION DEPARTMENT
Knowledge › Skill › Opportunity

New York State Testing Program
Grade 7
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 7 2024

Mathematics Test

Session 1

Spring 2024

Pwogram Egzamen Eta Nouyòk Egzamen Matematik Seyans 1

7 yèm ane

Prentan 2024

RELEASED QUESTIONS

Developed and published under contract with the New York State Education Department by NWEA, a division of HMH, 14720 Energy Way, Apple Valley, MN 55124.

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, ak yon kalkilatris ou ka itilize pandan ekzamen an si yo ka ede ou reponn kesyon an.

1 Yon magazen vann pake bè. Tablo ki anba a montre sa li koute, an dola, pou plizyè nonb pake bè.

PRI BÈ A

Nonb Pake	3	4	7	11
Pri (dola)	9,75	13,00	22,75	35,75

Kisa li koute, pa pake, pou bè a?

A $0,31

B $3,25

C $6,75

D $9,75

KONTINYE

4 Yon agrikiltè plante 4 ranje plantil. 3 premye ranje yo egal nan longè a. Longè katriyèm ranje a se 19 yad. Longè total 4 ranje yo se 61 yad. Ki longè, an yad, chak 3 premye ranje agrikiltè a plante?

A 14

B 22

C 39

D 42

5 An mwayèn, tanperati oseyan atravè lemond se $-2^{\circ}\mathrm{C}$ jiska $32^{\circ}\mathrm{C}$. Ki diferans ki genyen ant toude tanperati oseyan yo?

A $-34^{\circ}\mathrm{C}$

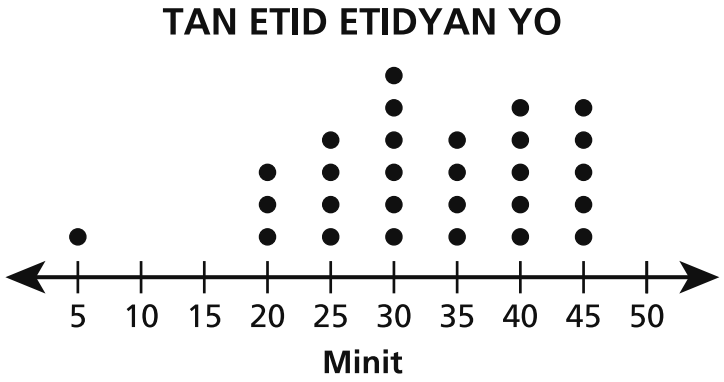
B $34^{\circ}\mathrm{C}$

C $-30^{\circ}\mathrm{C}$

D $30^{\circ}\mathrm{C}$

KONTINYE

7 Mesye Moore rasanble enfòmasyon nan klas sizyèm ane li an sou konbyen minit yo etidye pou yon tès. Grafik a pwen ki anba a montre nonb minit chak elèv pran pou yo etidye.



Ki deklarasyon konsènan distribisyon done yo ki vrè?

A Distribisyon an simetrik.

B Distribisyon an genyen yon entèval ki se 25.

C Distribisyon an sanble genyen yon valè atipik.

D Distribisyon an genyen yon gwoup soti nan 25 jiska 35 minit.

10 Victoria genyen yon abònman pou fim. Li peye yon kotizasyon chak ane pou $\$24{,}00$ epi yon frè $\$4{,}00$ pou chak fim li gade. Ki inegalite yo kapab itilize pou detèmine nonb total fim, m, Victoria kapab gade si li vle depanse mwens pase $\$100{,}00$ chak ane?

A $24m + 4 < 100$

B $4m + 24 < 100$

C $4m + 24 \leq 100$

D $4m + 24 \geq 100$

11 Pri nòmal yon chemiz se n dola. Pandan yon pwomosyon, yo fè yon rabè 15% sou chemiz lan. Ki pè ekspresyon ki genyen de (2) fason ki kòrèk pou reprezante pri a, an dola, pou chemiz lan aprè yo fin fè rabè a?

A $n - 0{,}15$ ak $0{,}85$

B $n - 0{,}15n$ ak $0{,}85$

C $n - 15{,}00$ ak $85{,}00$

D $n - 0{,}15n$ ak $0{,}85n$

13 Ki ekspresyon ki ekivalan ak $3{,}6(x-5)+2{,}5(x+4)$?

A $6{,}1x-1$

B $6{,}1x-8$

C $1{,}1x-1$

D $1{,}1x-8$

14 Yon pwofesè anrejistre rezilta tès pou elèv yo nan klas li an. Yo montre rezilta yo nan dyagram an bwat la anba la a.

Selon enfòmasyon sa yo, ki entèval entèkatil lan?

A 3

B 8

C 11

D 21

KONTINYE

15 Ki valè ekspresyon yo montre anba la a?

$$\frac{1}{3} - \left(\frac{2}{3} + \frac{5}{7}\right) - 2\frac{1}{5}$$

A $-\frac{1}{15}$

B $-\frac{11}{15}$

C $-1\frac{16}{105}$

D $-3\frac{26}{105}$

17 Yo te pase de (2) fim nan yon sinema. Genyen yon total 150 tikè ki te vann pandan premye fim lan, epi 40% plis tikè ki te vann pandan dezyèm fim lan pa rapò ak premye a. Si chak tikè te vann pou $13,50, ki kantite tikè total ki te vann, an dola, pou toude fim yo?

A $2.565,00

B $2.835,00

C $4.590,00

D $4.860,00

KONTINYE

21 Tablo yo montre anba a reprezante yon relasyon pwoposyonèl ki genyen ant x ak y.

x	y
9	2,25
13	3,25
17	4,25
21	5,25

Ki ekwasyon ki reprezante relasyon pwoposyonèl sa a?

A $y = x$

B $y = 4x$

C $y = \frac{1}{4}x$

D $y = \frac{9}{4}x$

26 Pat itilize $2\frac{5}{8}$ gode sik pou $3\frac{1}{2}$ pake bonbon yo. Li itilize menm kantite sik lan pou chak pake bonbon li kwit. Ki kantite sik, an tas pou chak pake, Pat itilize pou kwit bonbon yo?

A $\frac{3}{4}$

B $\frac{7}{8}$

C $1\frac{1}{3}$

D $6\frac{1}{8}$

29 Yon klas setyèm ane ap vann kat kado pou yon leve fon yo fè pou bibliyotèk lekòl lan. Chak kat kado yo vann $15,00. Bibliyotèk lan jwenn 35% nan lajan ki resevwa pou chak kat kado ki vann. Ki kantite lajan bibliyotèk lan resevwa si klas lan vann 500 kat kado?

A $1.167,00

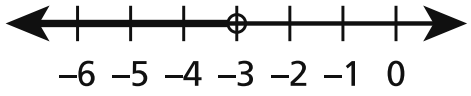
B $1.429,00

C $2.625,00

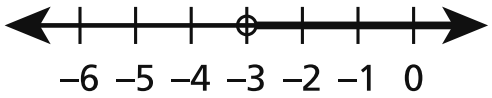
D $4.875,00

30 Ki grafik ki reprezante solisyon pou inegalite a $4 - 4x > 16$?

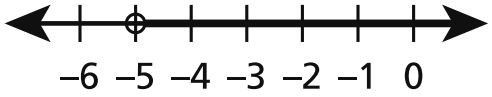
A



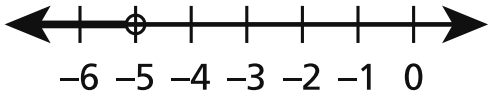
B



C



D



31 Ki valè ekspresyon yo montre anba la a?

$$-1\frac{1}{2} + \left(-\frac{7}{8}\right)\left(-\frac{3}{4}\right)$$

A $-\frac{75}{64}$

B $-\frac{27}{32}$

C $-2\frac{5}{32}$

D $-3\frac{1}{8}$

KONTINYE

7yèm ane

Egzamen Matematik
Seyans 1
Prentan 2024

Grade 7

Mathematics Test
Session 1
Spring 2024

Non: _____

Haitian Creole Edition
Grade 7 2024
Mathematics Test
Session 2
Spring 2024

Pwogram Egzamen Eta Nouyòk Egzamen Matematik Seyans 2

7 yèm ane

Prentan 2024

RELEASED QUESTIONS

Developed and published under contract with the New York State Education Department by NWEA, a division of HMH, 14720 Energy Way, Apple Valley, MN 55124.

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 kalkilatris 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.

33 Ki sitiyasyon ki bay yon rezilta ki gen valè final ki se zewo?

A Nonb kreyon total Aaron genyen si li te genyen 12 kreyon epi te achte 12 kreyon anplis.

B Nonb katye total Tom mache aprè li fin mache 6 katye nan nò epi mache 6 katye a lwès.

C Distans total Nicole monte apati yon pwofondè 10 pye anba nivo lanmè jiska yon wotè 10 pye anwo nivo lanmè a.

D Kantite bonbon total Tiffany genyen si li te achte 4 pake bonbon epi vann 4 pake bonbon.

34 Cheryl touche $\$23{,}75$ pou siveye timoun pandan $2\frac{1}{2}$ èdtan. Ak to sa a, konbyen Cheryl touche pou siveye timoun pandan $5\frac{3}{4}$ èdtan?

A $\$50{,}73$

B $\$54{,}63$

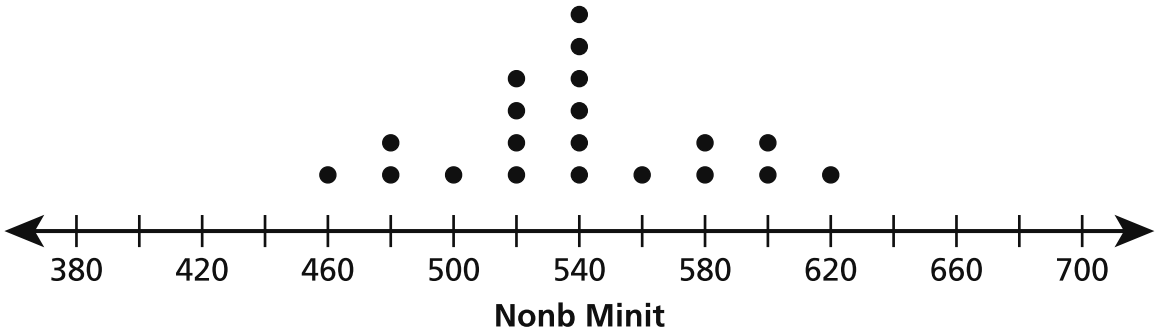
C $\$68{,}31$

D $\$78{,}38$

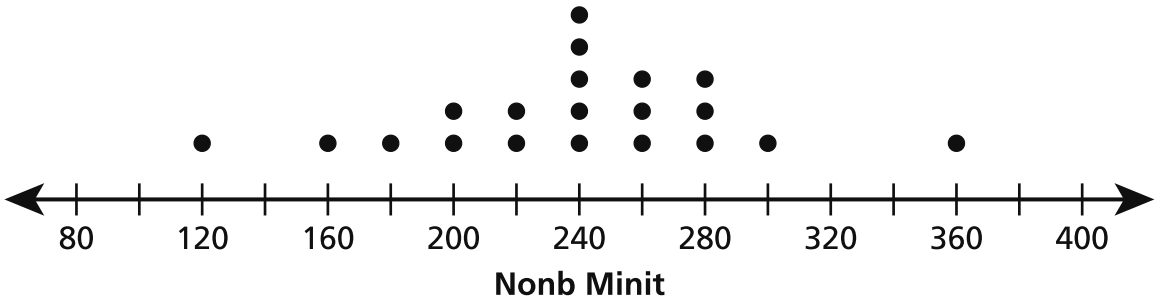
KONTINYE

35 Yo montre de (2) dyagram lineyè anba a. Premye a reprezante itilizasyon mwayèn yon telefòn selilè chak jou, an minit, pou 20 adolesan. Dezyèm lan reprezante itilizasyon mwayèn yon telefòn selilè chak jou, an minit, pou 20 granmoun.

ITILIZASYON TELEFÒN SELILÈ ADOLESAN YO



ITILIZASYON TELEFÒN SELILÈ GRANMOUN YO



Ki deklarasyon konsènan de (2) gwoup done yo ki vrè?

A Mwayèn done yo pou granmoun yo pi gran pase mwayèn done yo pou adolesan yo paske pwen done pou granmoun yo pi ekate.

B Mwayèn done yo pou adolesan yo pi gran pase mwayèn done granmoun yo paske echèl adolesan yo genyen pi gran chif pase echèl pa granmoun yo.

C Entèval done pou adolesan yo pi gwo pase entèval done pou granmoun yo pase pwen done pou adolesan yo regwoupe.

D Entèval done pou adolesan yo pi gran pase entèval done granmoun yo paske echèl adolesan yo genyen pi gran chif pase echèl pa granmoun yo.

36 Genyen 140 elèv ki te enskri nan yon lekòl.

- Pami elèv yo ki te enskri nan lekòl lan, $\frac{3}{4}$ pratike espò.
- Pami elèv ki pratike espò, $\frac{1}{7}$ yo nan yon klèb atistik.

Ki kantite elèv ki te enskri nan lekòl lan ki pratike espò epi ki nan yon klèb atistik?

A 5

B 15

C 60

D 125

37 Ki ekspresyon ki ekivalan ak $17\left(\frac{1}{3}\right)x - \frac{7}{2}x$?

A $\frac{83x}{6}$

B $\frac{55x}{6}$

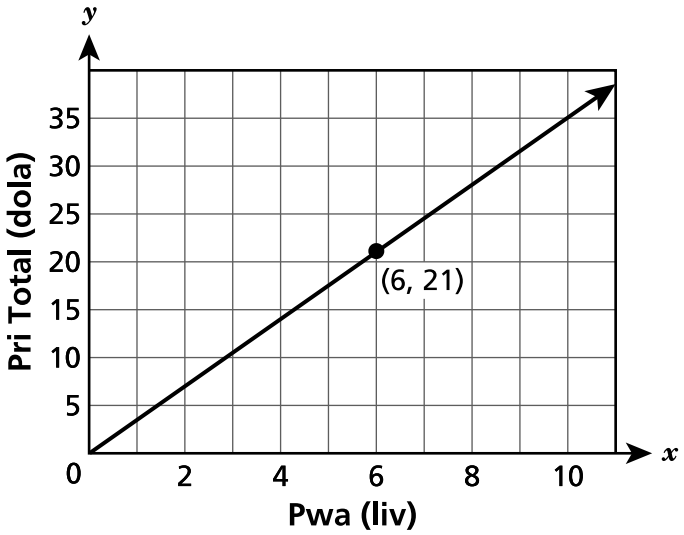
C $\frac{13x}{6}$

D $\frac{10x}{6}$

KONTINYE

38 Yon magazen achte sirèt pa liv. Grafik ki anba a reprezante relasyon ki genyen ant pwa, an liv, ak sa li koute an total, an dola, pou sirèt yo.

PRI BONBON AN



Konbyen yon liv sirèt koute?

A $0,29

B $3,33

C $3,50

D $5,00

39 **Kesyon sa a vo 1 kredi.**

Marty tape ak yon vitès mwayèn ki se 25 mo chak minit. Ekri yon ekwasyon yo ka itilize pou detèmine ki nonb mo an mwayèn, w, Marty tape nan t minit.

Repons Ekwasyon _____

KONTINYE

40 **Kesyon sa a vo 1 kredi.**

Ki valè ekspresyon an $-2(-3)(4)$ genyen?

Repons _____

KONTINYE

41 **Kesyon sa a vo 1 kredi.**

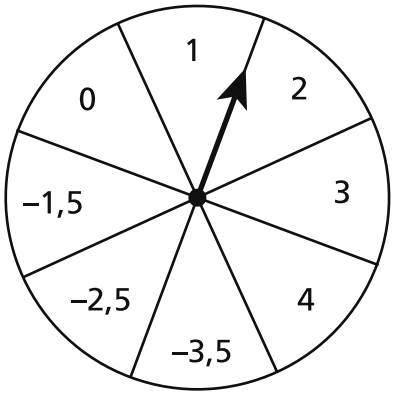
Kenneth te achte yon chemiz ki te vann $55,00 oparavan. Aprè yo fin fè rabè, li peye li $38,50. Ki pousantaj rabè yo fè sou pri orijinal chemiz lan?

Repons _____ %

KONTINYE

42 **Kesyon sa a vo 2 kredi.**

Frank ak zanmi li yo ap jwe yon jwèt ak woulèt yo montre anba la.



Chak jwè vire flèch lan 5 fwa epi ajoute tout nonb woulèt la tonbe sou yo an pou yo jwenn rezilta yo an. Yo montre twa (3) premye tou Frank yo anba la a.

$-1{,}5$; 2 ; ak $-3{,}5$

Frank genyen de (2) lòt tou. Ki de (2) lòt chif pou woulèt la ta dwe tonbe sou yo pou rezilta final Frank lan egal ak 0 ?

Eksplike repons ou an.

KONTINYE

43 **Kesyon sa a vo 2 kredi.**

Joann te ale mache. Wout li te pase a te gen $5\frac{1}{2}$ mil epi sa te pran li $2\frac{1}{5}$ èdtan pou li konplete. Si Joann mache ak yon rit initè an mwayèn, a ki vitès, an mil chak èdtan, Joann te mache?

Montre kijan ou fè pou jwenn repons lan.

Repons _____ mil chak èdtan

KONTINYE

44 **Kesyon sa a vo 2 kredi.**

Yon kat genyen yon echèl ki genyen 1 santimèt = 50 mil. Distans aktyèl ant New York ak Washington D.C., se 225 mil. Ki distans, an santimèt, ant toude vil yo ki sou kat lan?

Montre kijan ou fè pou jwenn repons lan.

Repons _____ santimèt

45 **Kesyon sa a vo 2 kredi.**

Pandan lè manje midi a, mèt yon restoran sandwich vann 2 kalite sandwich: kodenn ak vyann bèf woti. Chak sandwich koute $4,99 epi lavant total tout sandwich ki te vann yo se $219,56. Genyen 25 sandwich kodenn ki te vann. Konbyen sandwich vyann bèf woti ki te vann?

Montre kijan ou fè pou jwenn repons lan.

Repons _____ sandwich vyann bèf woti

KONTINYE

46 **Kesyon sa a vo 2 kredi.**

Ekri ekspresyon an $-8(4-x)+20$ tankou sòm de (2) tèm diferan. Asire w ou montre itilizasyon pwopriyete operasyon yo nan repons ou an.

Montre kijan ou fè pou jwenn repons lan.

Repons _____

47 **Kesyon sa a vo 2 kredi.**

Jonah te resevwa yon kat kado pou ale nan sinema. Kat kado pèmèt li chwazi yon tip fim, yon kolasyon, ak yon bwason. Yo montre opsyon li genyen yo nan lis ki anba la a.

- Fim: dram, aksyon, komedi
- Kolasyon: pòpkòn, kwoustiy, bonbon
- Bwason: dlo, ji

Li chwazi yon (1) fim, yon kolasyon, ak yon bwason oaza. Ki pwobablite Jonah genyen pou chwazi yon komedi, kwoustiy, ak ji? Ekri repons ou an sou fòm yon fraksyon.

Montre kijan ou fè pou jwenn repons lan.

Repons _____

KONTINYE

48 **Kesyon sa a vo 3 kredi.**

Yon magazen mèb ap fè piblisite ki di l ap bay 20% rabè sou pri sofa yo. Scott chwazi yon sofa ki genyen yon pri ki gen rabè sou li ki se $460,00. Epitou li dwe peye 8% taks sou lavant. Ki kantite lajan Scott pral ekonomize sou rabè yo bay sou sofa a, sa enkli taks, konpare ak pri orijinal sofa, sa enkli taks lan?

Montre kijan ou fè pou jwenn repons lan.

Repons $ _____

7yèm ane
Egzamen Matematik
Seyans 2
Prentan 2024

Grade 7
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 7

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