



Our Students. Their Moment.

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

Released Questions

June 2018

New York State administered the Mathematics Tests in May 2018 and is now making approximately 75% of the questions from these tests available for review and use.



THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

New York State Testing Program Grades 3-8 Mathematics

Released Questions from 2018 Exams

Background

In 2013, New York State began administering tests designed to assess student performance in accordance with the instructional shifts and rigor demanded by the new New York State P-12 Learning Standards in Mathematics. To help in this transition to new assessments, the New York State Education Department (SED) has been releasing an increasing number of test questions from the tests that were administered to students across the State in the spring. This year, SED is again releasing large portions of the 2018 NYS Grades 3-8 English Language Arts and Mathematics test materials for review, discussion, and use.

For 2018, included in these released materials are at least 75 percent of the test questions that appeared on the 2018 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 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.

Short-Response Questions

Short-response questions require students to complete tasks and show their work. Like multiple-choice questions, short-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 of the standards.

Extended-Response Questions

Extended-response questions ask students to show their work in completing two or more tasks or a more extensive problem. Extended-response questions allow students to show their understanding of mathematical procedures, conceptual understanding, and application. Extended-response questions may also assess student reasoning and the ability to critique the arguments of others.

The scoring rubric for short and extended constructed-response questions can be found in the grade-level Educator Guides at <https://www.engageny.org/resource/test-guides-english-language-arts-and-mathematics>.

New York State P-12 Learning Standards Alignment

The alignment(s) to the New York State P-12 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-point and three-point 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 future valid and reliable tests, some content must remain secure for possible use on future exams. As such, 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 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. Specific criteria for writing test questions, as well as additional assessment information, are available at <http://www.engageny.org/common-core-assessments>.

Non: _____



Haitian Creole Edition
Grade 6 2018
Mathematics Test
Session 1
May 1–3, 2018

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

Ane 6

1–3 Me 2018

Released Questions

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Ane 6 Fèy Referans Matematik

KONVÈSYON

1 pous = 2,54 santimèt

1 mètr = 39,37 pous

1 mil = 5.280 pye

1 mil = 1.760 yad

1 mil = 1,609 kilomèt

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1 ka = 2 pent

1 galon = 4 ka

1 galon = 3,785 lit

1 lit = 0,264 galon

1 lit = 1.000 santimèt kib

FÒMIL

Triyang

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

Prism Rektangilè Dwa

$$V = Bh \text{ oswa } V = lwh$$

Seyans 1



KONSÈY POU PRAN EGZAMEN AN

Men kèk sijesyon pou ede ou bay pi bon rannman:

- Li chak kesyon avèk atansyon epi reflechi sou chak repons anvan ou fè chwa ou.
- Yo ba w enstriman matematik (yon règ, ak yon rapòtè) epi yon papye ki gen fòmil yo ladan pou w sèvi pandan egzamen an. Se ou k pou konnen kilè pou sèvi ak chak grenn nan enstriman matematik yo avèk papye fòmil la tou. Ou ka sèvi ak enstriman matematik yo avèk papye fòmil la tou nenpòt ki lè w panse l ap ede w reponn yon kesyon.

1

Nou montre yon ekwasyon anba la a.

$$12 - 9 + c = 12$$

Ki valè c ki fè ekwasyon an kòrèk?

- A 0
- B 3
- C 9
- D 12

2

Kate gen yon koleksyon pyès monnen. Li kenbe 7 nan pyès yo nan yon bwat, ki se sèlman 5% tout koleksyon li an. Konbyen pyès ki nan koleksyon Kate la ototal?

- A 12
- B 14
- C 120
- D 140

3

Kisa ki pi gran faktè komen 36 ak 90?

- A 6
- B 18
- C 36
- D 180

KONTINYE

4

Nou ka reprezante relasyon ant laj Robert, r , ak laj Julia j , ak ekwasyon ki anba la a.

$$r = j + 3$$

Ki tablo valè ki reprezante relasyon ant laj Robert ak laj Julia?

LAJ POSIB

A

Laj Robert, r (ane)	Laj Julia, j (ane)
9	12
15	18
21	24

LAJ POSIB

C

Laj Robert, r (ane)	Laj Julia, j (ane)
9	6
15	12
21	18

LAJ POSIB

B

Laj Robert, r (ane)	Laj Julia, j (ane)
9	3
15	5
21	7

LAJ POSIB

D

Laj Robert, r (ane)	Laj Julia, j (ane)
9	27
15	45
21	63

KONTINYE

15

Lendi elèv nan klas sizyèm ane yo te swa achte manje midi yo oswa yo te soti lakay yo ak li.

- 24% nan elèv yo te achte manje midi yo.
- 190 elèv te soti lakay yo ak manje midi yo.

Konbyen elèv ki genyen nan klas sizyèm ane?

- A 76
- B 166
- C 214
- D 250

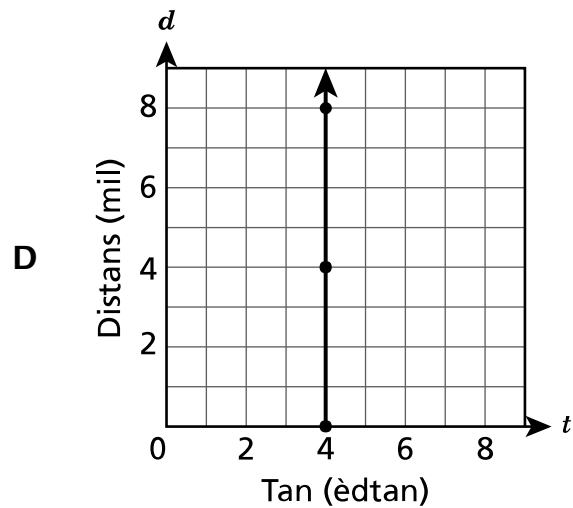
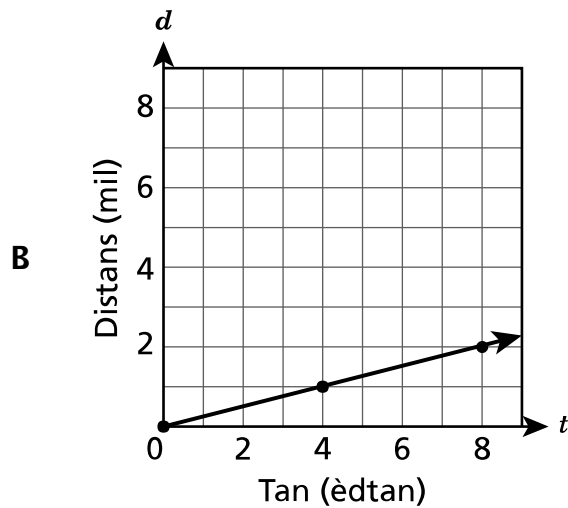
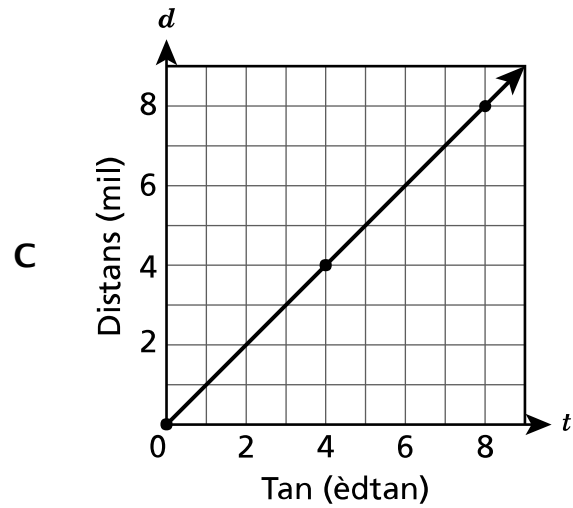
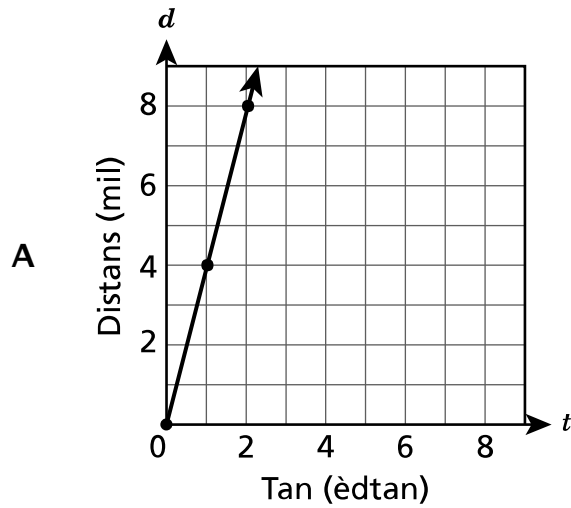
KONTINYE

16

Joe mache sou yon tapi kous nan menm vitès la. Ekwasyon ki anba la a dekri relasyon ant t , kantite tan li mache an èdtan, ak d , distans li mache an mil.

$$d = 4t$$

Ki graf ki reprezante relasyon ant kantite tan Joe mache ak distans li mache?



KONTINYE

19

Gen 230 kilokalori nan 4 ons yon kalite krèm glase. Konbyen kilokalori ki nan 6 ons krèm glase sa a?

- A** 232
- B** 236
- C** 345
- D** 460

KONTINYE

22

Yon fòm gen 12 triyang rektang ki menm gwosè a. Chak triyang rektang gen yon baz 4 santimèt ak yon wotè 5 santimèt. Ki sifas total, an santimèt kare, fòm nan ye?

- A 10
- B 60
- C 120
- D 240

KONTINYE

25 Pat bat yon balon baskèt 25 fwa nan 30 segonn. Ak vitès sa a, apeprè konbyen fwa Pat pral bat balon baskèt la nan 150 segonn?

- A 120
- B 125
- C 144
- D 145

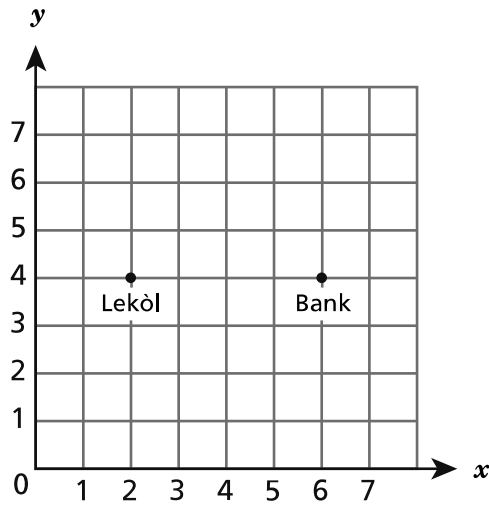
26 Ki ekspresyon ki ekivalan ak $5(4x + 3) - 2x$?

- A $18x + 15$
- B $18x + 3$
- C $7x + 8$
- D $2x + 8$

KONTINYE

27

Mark trase pwèn sou plan kowòdone a pou reprezante pozisyon lekòl li ak yon bank.



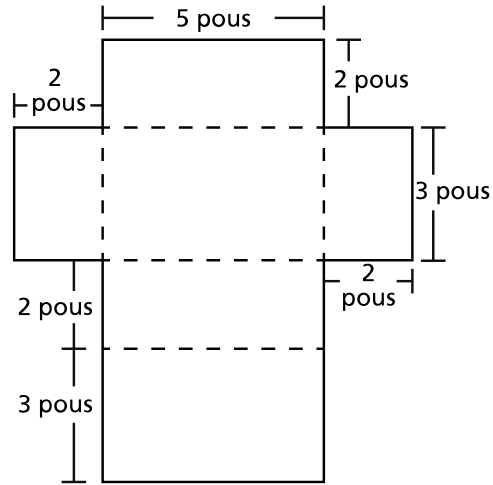
Mark vle ajoute pozisyon bibliyotèk la sou plan kowòdone a. Distans ant bibliyotèk la ak lekòl la se menm distans ant bank la ak lekòl la. Ki pè òdone ki te ka kowòdone bibliyotèk la?

- A (2, 4)
- B (2, 8)
- C (4, 4)
- D (6, 8)

KONTINYE

28

Yon elèv trase filè ki anba la a pou montre dimansyon yon veso ki gen yon fòm tankou yon pris rektangilè dwa.



Ki sipèfisi, an pous kare, veso a ye?

- A 19
- B 30
- C 38
- D 62

29

Ki de ekspresyon ki ekivalan?

- A $x + x + x$ ak x^3
- B $14x + 10 - 2x$ ak $16x + 10$
- C $12x + 16x$ ak $4(3x + 4x)$
- D $12x^2 + 5x + 10$ ak $17x^2 + 10$

KONTINYE

30

Yon machin ranpli bwat nan menm vitès la. Apre 35 minit, li te ranpli 5 bwat. Ki tablo ki reprezante relasyon ant kantite minit machin nan pran pou ranpli bwat yo ak kantite bwat li te ranpli?

BWAT POU RANPLI**A**

Tan (minit)	Bwat ki Ranpli
7	1
14	2
21	3
28	4

BWAT POU RANPLI**C**

Tan (minit)	Bwat ki Ranpli
1	7
2	14
3	21
4	28

BWAT POU RANPLI**B**

Tan (minit)	Bwat ki Ranpli
5	1
10	2
15	3
20	4

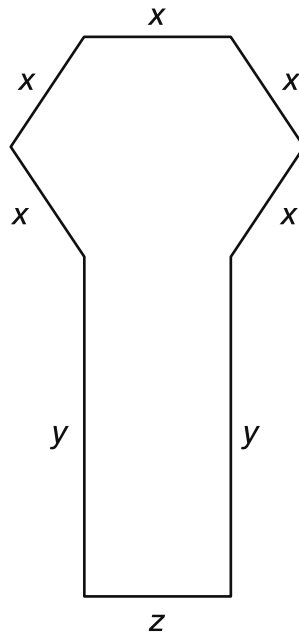
BWAT POU RANPLI**D**

Tan (minit)	Bwat ki Ranpli
1	5
2	10
3	15
4	20

KONTINYE

31

Ki ekspresyon ki reprezante perimèt figi jewometri ki anba la a?



- A $5x + 2y$
- B $x + y + z$
- C $5x + 2y + z$
- D $(5 + 2 + 1)(x + y + z)$

Ane 6
2018
Egzamen Matematik
Seyans 1
1 – 3 Me 2018

Grade 6
2018
Mathematics Test
Session 1
May 1 – 3, 2018

Non: _____



Haitian Creole Edition
Grade 6 2018
Mathematics Test
Session 2
May 1–3, 2018

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

Ane 6

1–3 Me 2018

Released Questions

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KONTINYE

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FÒMIL

Triyang

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

Prism Rektangilè Dwa

$$V = Bh \text{ oswa } V = lwh$$

Seyans 2



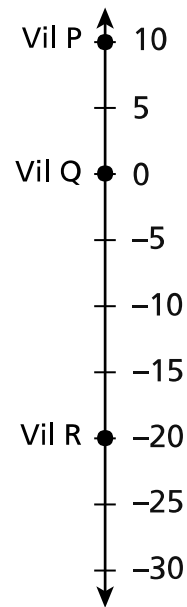
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- Yo ba w enstriman matematik (yon règ, yon rapòtè ak yon kalkilatri) epi yon papye ki gen fòmil yo ladan pou w sèvi pandan egzamen an. Se ou k pou konnen kilè pou sèvi ak chak grenn nan enstriman matematik yo avèk papye fòmil la tou. Ou ka sèvi ak enstriman matematik yo avèk papye fòmil la tou nenpòt ki lè w panse l ap ede w reponn yon kesyon.
- Pa bliye montre kijan w fè jwenn repons lan lè yo mande ou sa.

32

Nou make elevasyon twa vil an pye sou dwat nimerik ki anba la a.



Pwen 0 sou dwat nimerik la reprezante nivo lanmè a. Ki deklarasyon ki dwe kòrèk?

- A Vil P ak Vil Q anwo nivo lanmè a.
- B Vil Q ak Vil R anba nivo lanmè a.
- C Vil P anwo nivo lanmè a epi Vil Q anba nivo lanmè a.
- D Vil P anwo nivo lanmè a epi Vil R anba nivo lanmè a.

33

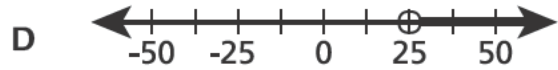
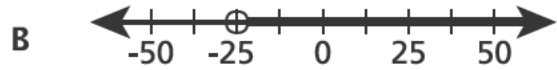
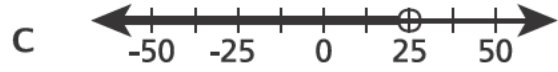
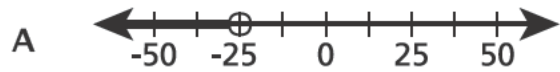
Yon jwè baskèt eseye 15 panye nan yon match. Li reyisi 9 nan panye li te eseye yo. Ki rapò ki dekri kantite panye jwè a te reyisi ak kantite panye li te eseye?

- A $\frac{3}{5}$
- B $\frac{5}{3}$
- C $\frac{2}{5}$
- D $\frac{5}{2}$

KONTINYE

34

Ki dwat nimerik ki montre yon graf inegalite $x > -25$?



35

Kowòdone pwen yo ki anba la a reprezante somè yon rektang.

P : (2,2)

Q : (6,2)

R : (6,5)

S : (2,5)

Ki perimèt la, an inite, de rektang PQRS ?

A 8

B 12

C 14

D 16

KONTINYE

36 Carol gen $1\frac{5}{8}$ tas yogout pou fè bwason. Chak bwason itilize $\frac{1}{3}$ tas yogout. Ki kantite maksimòm bwason Carol kapab fè ak yogout la?

A 1

B 4

C 5

D 7

37 Ki ekspresyon ki ekivalan ak $60 - 3y - 9$?

A $3(17 - y)$

B $3(20 - y) - 3$

C $17(3 - y)$

D $20(3 - 3y) - 9$

38 Yon makèt vann 1 sak 5 sitwon pou \$2,00. Konbyen chak grenn sitwon ki nansak la koute?

A \$2,50

B \$0,60

C \$0,40

D \$0,10

KONTINYE

39

Pwofesè yon klas atizana gen yon total $\frac{7}{8}$ liv ajil. Pwofesè a mete $\frac{1}{16}$ liv ajil nan chak pòs travay. Pwofesè a mete menm kantite pòs travay nan chak 2 salklas. Konbyen pòs travay pwofesè a te mete nan chak nan salklas yo?

Montre kijan ou fè pou jwenn repons la.

Repons _____ pòs travay

KONTINYE

40

Tom vle kòmmande biyè sou entènèt la pou li menm ak twa zanmi li yo kapab ale nan yon sant akwatik ansanm. Pri biyè yo se \$16,00 pou chak moun. Epi tou gen yon frè sèvis \$2,50 ou peye yon fwa lè ou kòmmande biyè yo sou entènèt. Ekri yon ekspresyon pa rapò ak n ki reprezante pri pou kòmmande n biyè sou entènèt.

Ekspresyon _____

Itilize ekspresyon ou a pou jwenn pri total pou kòmmande 4 biyè sou entènèt.

Montre kijan ou fè pou jwenn repons la.

Repons Pri total \$ _____

KONTINYE

41

Yon faktori ajoute twa gout koulè wouj ak de gout koulè ble nan penti blan pou fè chak pent penti mov. Faktori a pral fè 50 galon penti mov sa a. Konbyen gout koulè wouj ak koulè ble faktori a pral bezwen nan lo 50 galon penti mov la?

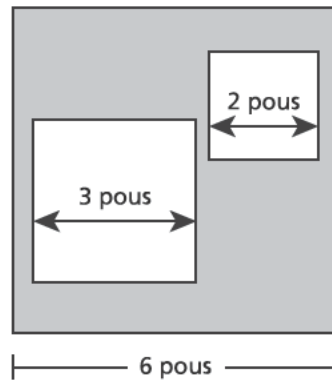
Montre kijan ou fè pou jwenn repons la.

Repons _____ gout wouj; _____ gout ble

KONTINYE

42

Dyagram ki anba la a montre yon gwo kare ak de kare pi piti anndan li.



Ekri yon ekspresyon, ki gen ekspozan, pou reprezante pati ki kolore an gri nan dyagram lan an pous kare. Apresa itilize ekspresyon sa a pou kalkile pati ki kolore an gri nan dyagram lan an pous kare.

Montre kijan ou fè pou jwenn repons la.

Repons _____ pous kare

KONTINYE

43

Pwen W chita nan $(-2, 3)$ sou yon pwen kowòdone. Pwen W reflete sou aks- x la pou kreye yon pwen W' . Epi pwen W' reflete sou aks- y la pou kreye pwen W'' . Ki pè òdone ki dekri pozisyon pwen W'' ?

Repons Pwen W'' (_____ , _____)

Eksplike kijan ou te fè pou jwenn repons la.

KONTINYE

44

Jaden te kwit yon chodyè chili ak 48 onz vyann bèf moulen ak 2 gwo kiyè poud piman. Li te kwit yon lòt chodyè chili ak menm kantite vyann bèf moulen an, men li te itilize 3 fwa kantite poud piman li te itilize avan fwa sa. Konbyen liv vyann bèf moulen pa gwo kiyè poud piman li te itilize nan dezyèm chodyè chili an?

Montre kijan ou fè pou jwenn repons la.

Repons _____ liv pa gwo kiyè

KONTINYE

45

Yo ranje yon seri blòk ki gen fòm kib nan yon veso ki gen fòm kib.

- Kan longè veso a se $2\frac{1}{2}$ pye.
- Kan longè chak blòk se $\frac{1}{5}$ kan longè veso a.

Ki volim, an pye kib, yon blòk ki gen fòm kib ye?

Montre kijan ou fè pou jwenn repons la.

Repons _____ pye kib

KONTINYE

46

Yon tapi rektangilè pou fè egzèsis gen yon perimèt 36 pye. Longè tapi a de fwa plis pase lajè l. Ekri epi rezoud yon ekwasyon pou kalkile konbyen pye longè tapi a ye. Apresa kalkile konbyen pye kare sifas tapi a ye.

Montre kijan ou fè pou jwenn repons la.

Repons longè _____ pye

sifas _____ pye kare

KANPE LA

Ane 6
2018
Egzamen Matematik
Seyans 2
1 – 3 Me 2018

Grade 6
2018
Mathematics Test
Session 2
May 1 – 3, 2018

THE STATE EDUCATION DEPARTMENT
THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234
2018 Mathematics Tests Map to the Standards
Grade 6 Released Questions on EngageNY

Question	Type	Key	Points	Standard	Cluster	Subscore
Book 1						
1	Multiple Choice	C	1	CCSS.Math.Content.6.EE.B.5	Expressions and Equations	Expressions and Equations
2	Multiple Choice	D	1	CCSS.Math.Content.6.RP.A.3c	Ratios and Proportional Relationships	Ratios and Proportional Relationships
3	Multiple Choice	B	1	CCSS.Math.Content.6.NS.B.4	The Number System	The Number System
4	Multiple Choice	C	1	CCSS.Math.Content.6.EE.C.9	Expressions and Equations	Expressions and Equations
15	Multiple Choice	D	1	CCSS.Math.Content.6.RP.A.3c	Ratios and Proportional Relationships	Ratios and Proportional Relationships
16	Multiple Choice	A	1	CCSS.Math.Content.6.EE.C.9	Expressions and Equations	Expressions and Equations
19	Multiple Choice	C	1	CCSS.Math.Content.6.RP.A.3b	Ratios and Proportional Relationships	Ratios and Proportional Relationships
22	Multiple Choice	C	1	CCSS.Math.Content.6.G.A.1	Geometry	
25	Multiple Choice	B	1	CCSS.Math.Content.6.RP.A.3b	Ratios and Proportional Relationships	Ratios and Proportional Relationships
26	Multiple Choice	A	1	CCSS.Math.Content.6.EE.A.3	Expressions and Equations	Expressions and Equations
27	Multiple Choice	B	1	CCSS.Math.Content.5.G.A.2	The Number System	The Number System
28	Multiple Choice	D	1	CCSS.Math.Content.6.G.A.4	Geometry	
29	Multiple Choice	C	1	CCSS.Math.Content.6.EE.A.4	Expressions and Equations	Expressions and Equations
30	Multiple Choice	A	1	CCSS.Math.Content.6.RP.A.3a	Ratios and Proportional Relationships	Ratios and Proportional Relationships
31	Multiple Choice	C	1	CCSS.Math.Content.6.EE.B.6	Expressions and Equations	Expressions and Equations
Book 2						
32	Multiple Choice	D	1	CCSS.Math.Content.6.NS.C.5	The Number System	The Number System
33	Multiple Choice	A	1	CCSS.Math.Content.6.RP.A.1	Ratios and Proportional Relationships	Ratios and Proportional Relationships
34	Multiple Choice	B	1	CCSS.Math.Content.6.EE.B.8	Expressions and Equations	Expressions and Equations
35	Multiple Choice	C	1	CCSS.Math.Content.6.G.A.3	Geometry	
36	Multiple Choice	B	1	CCSS.Math.Content.6.NS.A.1	The Number System	The Number System
37	Multiple Choice	A	1	CCSS.Math.Content.6.EE.A.3	Expressions and Equations	Expressions and Equations
38	Multiple Choice	C	1	CCSS.Math.Content.6.RP.A.2	Ratios and Proportional Relationships	Ratios and Proportional Relationships
39	Constructed Response		2	CCSS.Math.Content.6.NS.A.1	The Number System	The Number System
40	Constructed Response		2	CCSS.Math.Content.6.EE.A.2a	Expressions and Equations	Expressions and Equations
41	Constructed Response		2	CCSS.Math.Content.6.RP.A.3d	Ratios and Proportional Relationships	Ratios and Proportional Relationships
42	Constructed Response		2	CCSS.Math.Content.6.EE.A.1	Expressions and Equations	Expressions and Equations
43	Constructed Response		2	CCSS.Math.Content.6.NS.C.6b	The Number System	The Number System
44	Constructed Response		2	CCSS.Math.Content.6.RP.A.2	Ratios and Proportional Relationships	Ratios and Proportional Relationships
45	Constructed Response		2	CCSS.Math.Content.6.G.A.2	Geometry	
46	Constructed Response		3	CCSS.Math.Content.6.EE.B.7	Expressions and Equations	Expressions and Equations

*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.