



Our Students. Their Moment.

**New York State Testing Program  
Grade 8 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.



# **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 8 2018*  
*Mathematics Test*  
*Session 1*  
*May 1–3, 2018*

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

**Ane 8**

**1–3 Me 2018**

Released Questions

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## Ane 8 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

1 kilomèt = 0,62 mil

1 liv = 16 ons

1 liv = 0,454 kilogram

1 kilogram = 2,2 liv

1 tòn = 2.000 liv

1 tas = 8 ons likid

1 pent = 2 tas

1 ka = 2 pent

1 galon = 4 ka

1 galon = 3,785 lit

1 lit = 0,264 galon

1 lit = 1.000 santimèt kib

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### FÒMIL

Triyang

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

Paralelogram

$$A = bh$$

Sèk

$$A = \pi r^2$$

Sèk

$$C = \pi d \text{ oswa } C = 2\pi r$$

Prism Jeneral

$$V = Bh$$

Silenn

$$V = \pi r^2 h$$

Esfè

$$V = \frac{4}{3}\pi r^3$$

Kòn

$$V = \frac{1}{3}\pi r^2 h$$

Teyorèm Pitagò

$$a^2 + b^2 = c^2$$

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# Seyans 1



## KONSÈY POU PRAN EGZAMEN AN

Men kèk sijasyon 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 jeometri (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 jeometri yo avèk papye fòmil la tou. Ou ka sèvi ak enstriman jeometri yo avèk papye fòmil la tou nenpòt ki lè w panse l ap ede w reponn yon kesyon.

- 1 Sou chak tablo,  $x$  reprezante valè ki antre a epi  $y$  reprezante valè ki soti a. Ki tablo ki pa reprezante yon fonksyon  $x$  ?

A

$x$	$y$
0	0
1	1
2	2
3	3

C

$x$	$y$
0	3
1	3
2	3
3	3

B

$x$	$y$
3	0
2	1
1	2
0	3

D

$x$	$y$
3	0
3	1
3	2
3	3

- 2 Vil X gen yon popilasyon  $3 \times 10^5$  epi Vil Y gen yon popilasyon  $6 \times 10^6$ . Ki deklarasyon ki dekri kòrèkteman relasyon ant popilasyon Vil X ak Vil Y ?

- A Popilasyon Vil Y 2 fwa popilasyon Vil X.
- B Popilasyon Vil Y 20 fwa popilasyon Vil X.
- C Popilasyon Vil X 300.000 mwens pase popilasyon Vil Y.
- D Popilasyon Vil X 3.000.000 mwens pase popilasyon Vil Y.

**KONTINYE**



**3**

Ki ekwasyon ki reprezante yon fonksyon lineyè?

**A**  $V = s^3$

**B**  $y = \left(\frac{1}{6}\right)x$

**C**  $y = (2)^x$

**D**  $A = \pi r^2$

**4**

Gen yon sistèm ekwasyon pi ba a.

$$5x + 2y = -15$$

$$2x - 2y = -6$$

Ki solisyon sistèm ekwasyon an?

**A**  $(-3, 0)$

**B**  $(0, -3)$

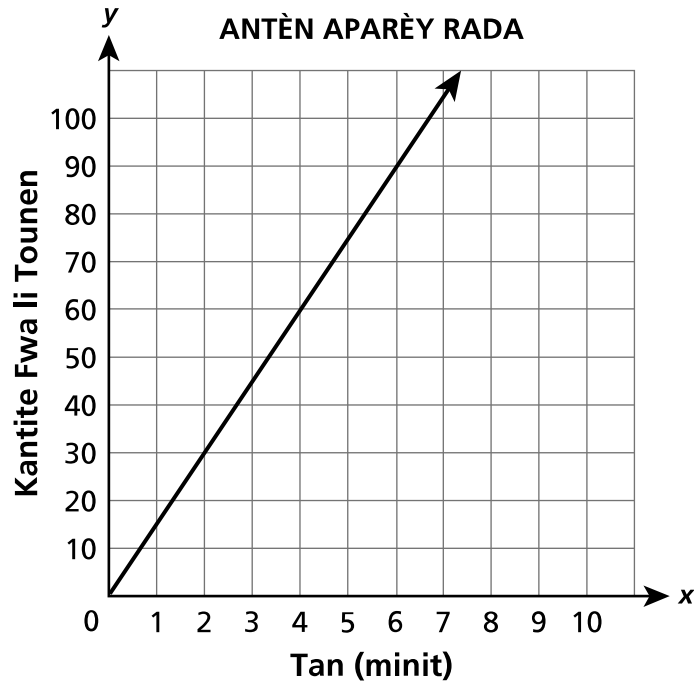
**C**  $(-3, 6)$

**D**  $(6, -3)$

***KONTINYE***

**6**

Yon aparèy rada gen yon antèn k ap tounen nan menm vitès la. Graf la montre kantite fwa aparèy la pral tounen apre yon tan.



Ki tablo ki montre done pou yon antèn ki tounen egzakteman de fwa pi plis pase antèn ki dekri nan graf la?

**ANTÈN #1**

**A**

Tan (minit)	Kantite Fwa li Tounen
15	315
30	660

**ANTÈN #3**

**C**

Tan (minit)	Kantite Fwa li Tounen
20	40
25	50

**ANTÈN #2**

**B**

Tan (minit)	Kantite Fwa li Tounen
18	450
36	900

**ANTÈN #4**

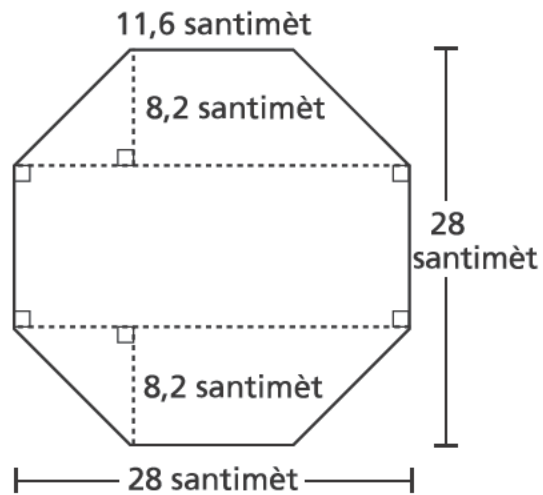
**D**

Tan (minit)	Kantite Fwa li Tounen
22	660
24	720

**KONTINYE**

7

Oktagòn nou montre anba la a gen wit kote kongriyan. Mezi oktagòn yo awondi nan dizyèm ki pi pre yon santimèt.



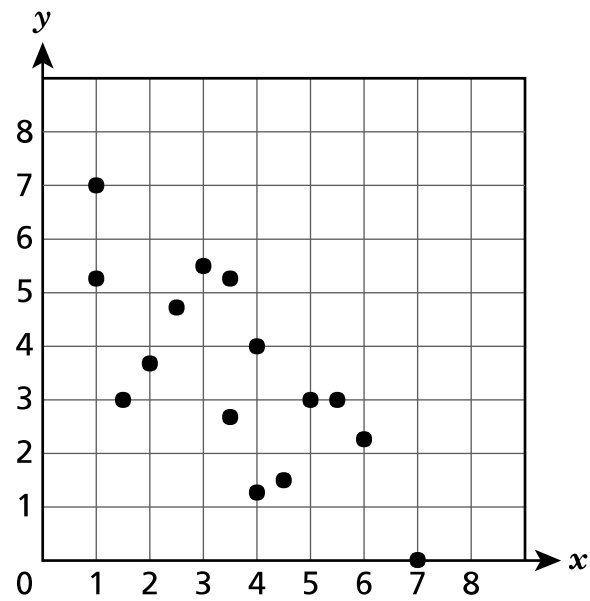
Kisa ki sifas oktagòn nan lè w awondi li nan santimèt kare ki pi pre a?

- A 392
- B 487
- C 650
- D 720

**KONTINYE**

8

Nou reprezante yon ansanm done sou dyagram dispèsyon ki anba la a.



Ki ekwasyon ki reprezante ansanm done a pi byen?

**A**  $y = -\frac{3}{4}x + 6$

**C**  $y = -6x + \frac{3}{4}$

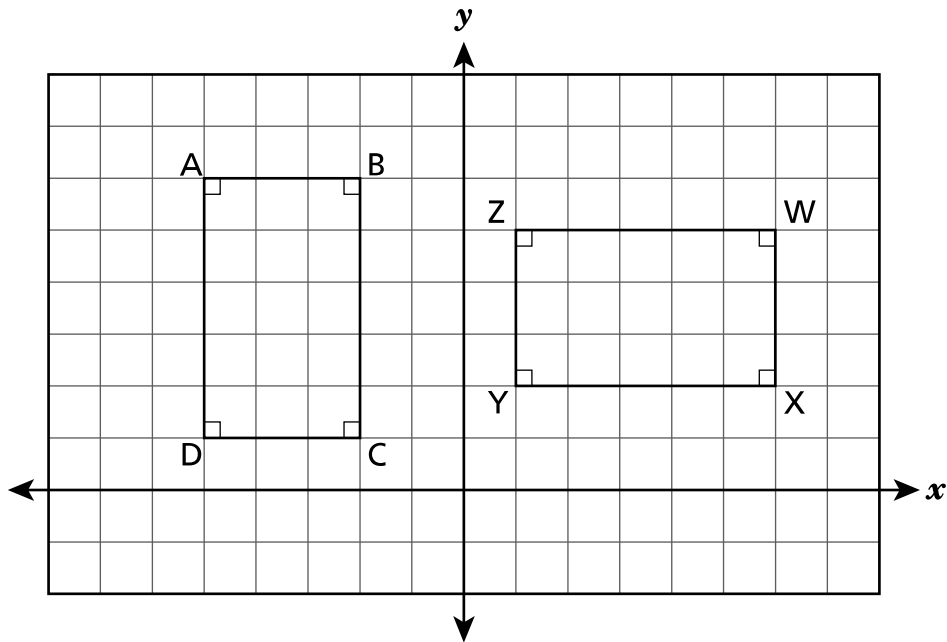
**B**  $y = \frac{3}{4}x - 6$

**D**  $y = 6x - \frac{3}{4}$

**KONTINYE**

11

Sou plan kowòdone ki anba la a, rektang ABCD sibi yon wotasyon  $90^\circ$  nan sans zegwi yon mont nan alantou orijin nan pou fòme rektang WXYZ.



Ki deklarasyon sou relasyon ant rektang ABCD ak rektang WXYZ ki kòrèk?

**A**  $\overline{DA} \cong \overline{YZ}$

**C**  $\overline{BC} \cong \overline{YZ}$

**B**  $\overline{DC} \cong \overline{XY}$

**D**  $\overline{AB} \cong \overline{WX}$

**KONTINYE**

**14** Ki ansanm pè òdone  $(x, y)$  ki te ka reprezante yon fonksyon lineyè  $x$  ?

**A**  $\{(-2, 8), (0, 4), (2, 3), (4, 2)\}$

**B**  $\{(1, 2), (1, 3), (1, 4), (1, 5)\}$

**C**  $\{(-2, 7), (0, 12), (2, 17), (4, 22)\}$

**D**  $\{(3, 5), (4, 7), (3, 9), (5, 11)\}$

**15** Ki ansanm mezi ang ki te ka anndan yon triyang?

**A**  $90^\circ, 90^\circ, 90^\circ$

**B**  $80^\circ, 80^\circ, 200^\circ$

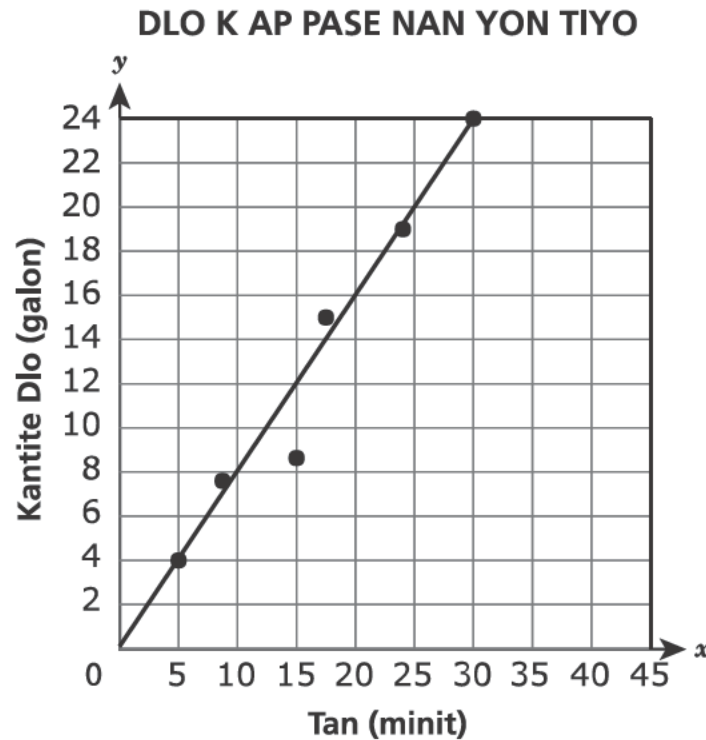
**C**  $40^\circ, 50^\circ, 60^\circ$

**D**  $15^\circ, 30^\circ, 135^\circ$

***KONTINYE***

16

Nou kapab itilize dyagram dispèsyon ki pi ba a pou jwenn to apwoksimatif dlo ki pase nan yon tiyo k ap wouze yon jaden. Nou dekri dwat ki pi byen ajiste pou dyagram dispèsyon an ak ekwasyon  $y = \frac{4}{5}x$ .



Si to a, an galon pa minit, kontinye, apeprè konbyen galon dlo ki pral pase nan tiyo a nan 45 minit?

- A 24
- B 36
- C 39
- D 56

**KONTINYE**

19

Fonksyon W ak Z toulède se fonksyon lineyè  $x$ .

**Fonksyon W**  
 $y = -\frac{1}{16}x + 30$

**Fonksyon Z**

$x$	0	1	2	3
$y$	15,8	15,76	15,72	15,68

Ki deklarasyon k ap konpare fonksyon yo ki kòrèk?

- A Pant Fonksyon W egal ak pant Fonksyon Z.
- B Pant Fonksyon W pi piti pase pant Fonksyon Z.
- C Valè  $y$  kote li koupe aks  $\delta$ done Fonksyon W egal ak valè  $y$  kote li koupe aks  $\delta$ done Fonksyon Z.
- D Valè  $y$  kote li koupe aks  $\delta$ done Fonksyon W pi piti pase valè  $y$  kote li koupe ak aks  $\delta$ done Fonksyon Z.

20

Sou yon plan kowòdone, somè A pou triyang ABC chita nan  $(6, 4)$ . Triyang ABC sibi yon dilatasyon nan yon faktè echèl 0,5 ak nan mitan orijin nan. Imaj nou vinn jwenn nan se triyang  $A'B'C'$ . Kisa ki kowòdone somè  $A'$  ?

- A  $(3, 2)$
- B  $(12, 8)$
- C  $(5, 5, 3, 5)$
- D  $(6, 5, 4, 5)$

**KONTINYE**



**23** Triyang BCD sibi yon wotasyon  $180^\circ$  nan sans zegwi yon mont epi li te sibi yon dilatasyon nan yon faktè echèl 4 ki santre alorijin. Imaj nou vinn jwen nan se triyang  $B'C'D'$ . Ki deklarasyon sou de triyang yo ki kòrèk?

- A Sifas  $\triangle BCD$  se 4 fwa sifas  $\triangle B'C'D'$ .
- B Perimèt  $\triangle BCD$  se 4 fwa perimèt  $\triangle B'C'D'$ .
- C Kote korespondan  $\triangle BCD$  ak  $\triangle B'C'D'$  kongriyan.
- D Ang korespondan  $\triangle BCD$  ak  $\triangle B'C'D'$  kongriyan.

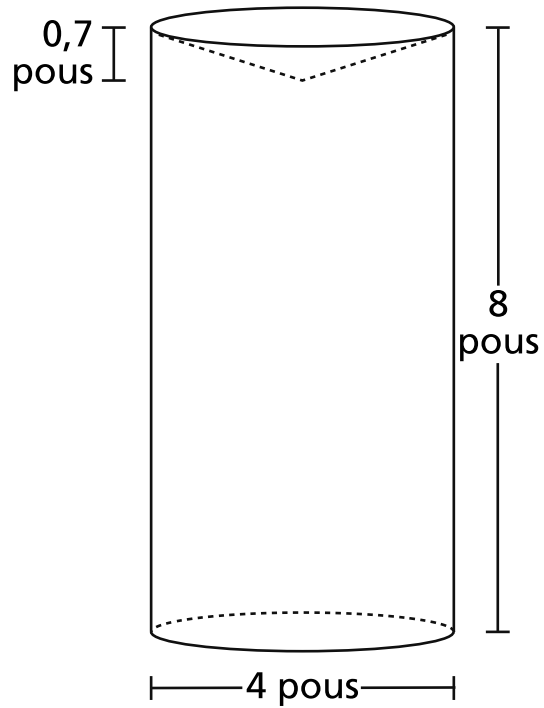
**24** Nan yon match baskèt lokal, tout biyè koute menm pri a epi tout souvni yo koute menm pri a. Mesye Smith te achte 2 biyè pou match baskèt sa a ak 1 souvni pou yon total \$17,25. Madam Lockhart te achte 5 biyè pou menm match la ak 2 souvni pou yon total \$42,00. Konbyen yon biyè pou ale nan match sa a te koute?

- A \$2,25
- B \$7,50
- C \$8,50
- D \$9,75

**KONTINYE**

26

Objè ki anba la a fèt ak plastik solid. Li se yon silenn ak yon mak anwo a ki gen fòm yon kòn.



Kisa ki volim objè plastik la ye lè w awondi li nan dizyèm pous kib ki pi pre a?

- A 103,5
- B 100,4
- C 97,6
- D 91,7

**KONTINYE**

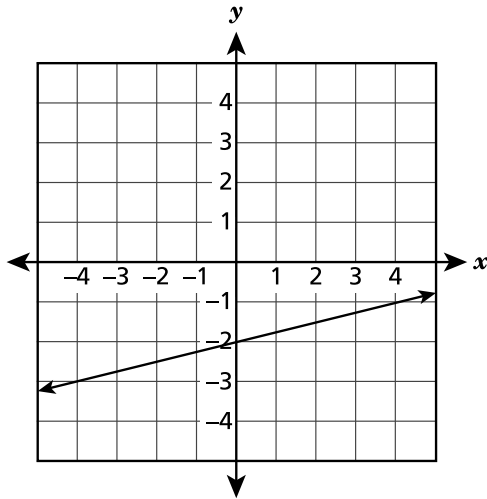
30

Ki fonksyon pou  $x$  ki gen **pi piti** valè pou  $y$  kote li koupe nan aks  $\dot{o}$ done a?

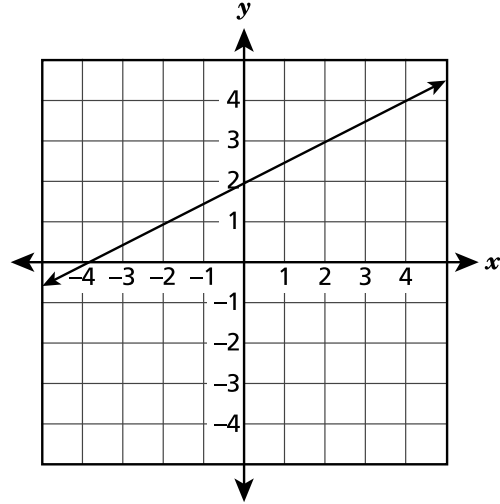
A  $y = -4x + 15$

C  $y = 2x - 3$

B



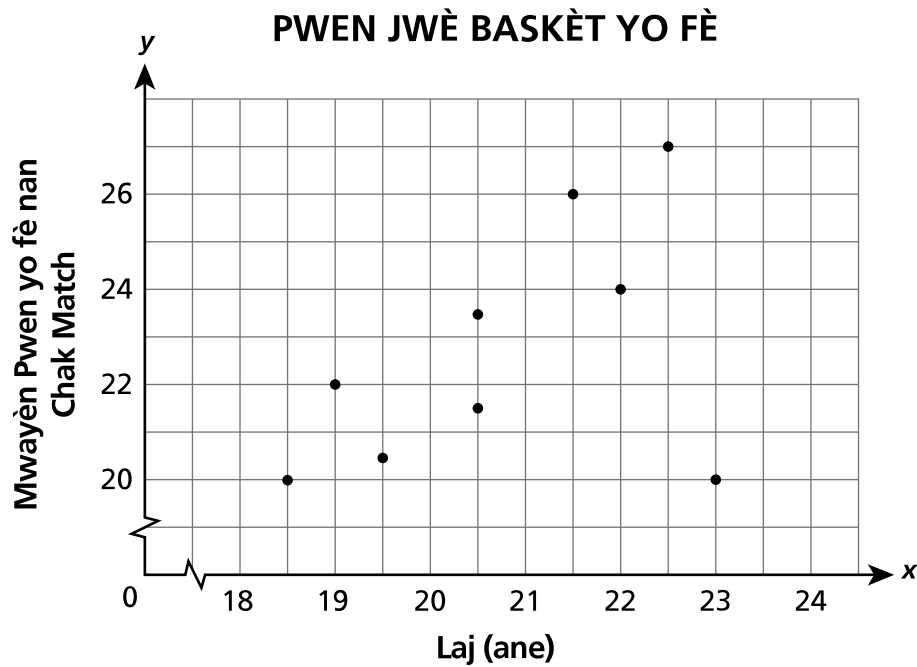
D



**KONTINYE**

31

Dyagram dispèsyon ki pi anba a montre mwayèn pwen chak jwèt diferan laj te fè nan yon lig basket pou granmoun.



Ki deklarasyon ki dekri **pi byen** asosyasyon ant laj yon jwè, an ane, ak mwayèn pwen yo fè nan chak match?

- A Pa gen okenn asosyasyon.
- B Gen yon asosyasyon non-lineyè.
- C Gen yon asosyasyon lineyè pozitif ak yon valè abnòm.
- D Gen yon asosyasyon lineyè negatif ak yon valè abnòm.

**KONTINYE**

**32** Nan vil  $W$ , pri mwayèn pou abònman nan yon sal espò  $y = 34,99x + 49$ , kote  $y$  se pri total, an dola, pou  $x$  mwa abònman. Kisa valè  $y$  siyifi lè  $x = 1$ ?

- A** frè mwayèn enskripsyon pou abònman nan yon sal espò
- B** frè mwayèn chak mwa pou abònman nan yon sal espò
- C** pri total mwayèn pou premye mwa abònman nan yon sal espò
- D** pri total mwayèn pou premye de mwa abònman nan yon sal espò

**33** Ki sa volim la ye, parapò ak  $\pi$ , pou yon veso ak yon fòm silenn ki gen yon reyon 3,25 santimèt ak yon wotè 10 santimèt?

- A**  $65\pi$  santimèt kib
- B**  $105,625\pi$  santimèt kib
- C**  $331,83\pi$  santimèt kib
- D**  $422,5\pi$  santimèt kib

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**Ane 8**  
**2018**  
**Egzamen Matematik**  
**Seyans 1**  
1 – 3 Me 2018

**Grade 8**  
**2018**  
**Mathematics Test**  
**Session 1**  
May 1 – 3, 2018

Non: \_\_\_\_\_



*Haitian Creole Edition*  
*Grade 8 2018*  
*Mathematics Test*  
*Session 2*  
*May 1–3, 2018*

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

**Ane 8**

**1–3 Me 2018**

Released Questions

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### KONVÈSYON

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1 mètr = 39,37 pous

1 mil = 5.280 pye

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1 ka = 2 pent

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1 lit = 1.000 santimèt kib

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### FÒMIL

Triyang

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

Paralelogram

$$A = bh$$

Sèk

$$A = \pi r^2$$

Sèk

$$C = \pi d \text{ oswa } C = 2\pi r$$

Prism Jeneral

$$V = Bh$$

Silenn

$$V = \pi r^2 h$$

Esfè

$$V = \frac{4}{3}\pi r^3$$

Kòn

$$V = \frac{1}{3}\pi r^2 h$$

Teyorèm Pitagò

$$a^2 + b^2 = c^2$$

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# Seyans 2



## KONSÈY POU PRAN EGZAMEN AN

Men kèk sijesyon pou ede ou bay pi bon ranman:

- Li chak kesyon avèk atansyon epi reflechi sou chak repons anvan fè chwa ou oswa ekri repons ou.
- Yo ba w enstriman jeometri (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 jeometri yo avèk papye fòmil la tou. Ou ka sèvi ak enstriman jeometri 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.

34

Kevin ak Christy te sanble lajan pou yon vwayaj klas yo pral fè. Kevin sere menm kantite lajan an chak semèn. Nou montre kantite total lajan Kevin te sere nan fen chak de semèn nan tablo ki anba la a.

### EKONOMI KEVIN

Tan (minit)	Lajan Total li Ekonomize
2	\$46
4	\$92
6	\$138

Nou kapab reprezante kantite lajan Christy te sere ak ekwasyon  $y = 26x$ , kote  $y$  se kantite total lajan li te sere nan  $x$  semèn. Ki deklarasyon ki konpare kòrèkteman kantite lajan Kevin ak Christy te sere chak semèn?

- A Christy te sere \$3 plis pase Kevin chak semèn.
- B Kevin te sere \$10 plis pase Christy chak semèn.
- C Christy te sere \$18 plis pase Kevin chak semèn.
- D Kevin te sere \$20 plis pase Christy chak semèn.

35

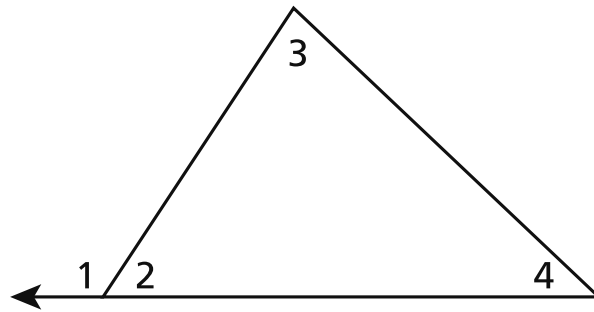
Pwen  $(4, 1)$  ak  $(x, -6)$  kouche sou menm dwat la. Si pant dwat la se 1, ki valè  $x$  ye?

- A  $x = -3$
- B  $x = 3$
- C  $x = 9$
- D  $x = 11$

**KONTINYE**

**36**

Mya deklare  $(m\angle 3 + m\angle 4) = m\angle 1$ , jan nou montre li nan triyang ki anba la a.



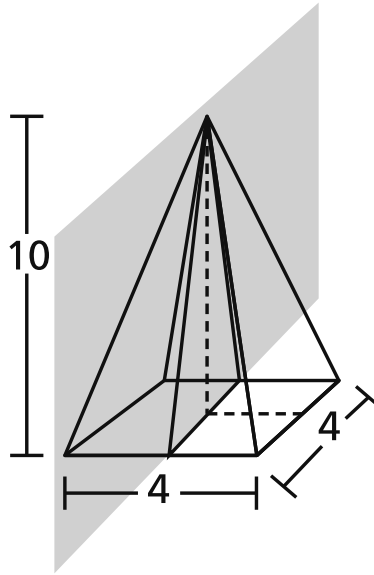
Ki deklarasyon ki eksplike poukisa deklarasyon Mya a dwe kòrèk?

- A**  $(m\angle 1 + m\angle 2) = 90^\circ$  ak  $(m\angle 3 + m\angle 4) = 90^\circ$
- B**  $(m\angle 1 + m\angle 2) = 180^\circ$  ak  $(m\angle 3 + m\angle 4) = 180^\circ$
- C**  $(m\angle 1 + m\angle 2) = 90^\circ$  ak  $(m\angle 3 + m\angle 4 + m\angle 2) = 90^\circ$
- D**  $(m\angle 1 + m\angle 2) = 180^\circ$  ak  $(m\angle 3 + m\angle 4 + m\angle 2) = 180^\circ$

**KONTINYE**

37

Nou montre dimansyon yon piramid kare anba la a.



Yon plan ki pase vètikalman atravè tèt somè a epi ki pèpandikilè ak baz la koupe piramid la. Ki fòm de dimansyon ak sifas seksyon plan an nou jwenn kòm rezilta?

- A yon triyang ak yon sifas 20 inite kare
- B yon triyang ak yon sifas 40 inite kare
- C yon rektang ak yon sifas 16 inite kare
- D yon rektang ak yon sifas 40 inite kare

**KONTINYE**

Yon jounal te fè yon sondaj pou konnen konbyen elèv nan lekòl segondè ki jwe je videyo. Tablo de sans sa a montre done ki soti nan sondaj la.

### SONDAJ SOU JE VIDEYO

	Ti gason	Tifi	Total
<b>Jwe Je Videyo</b>	1.593	1.361	2.954
<b>Pa Jwe Je Videyo</b>	858	1.635	2.493
<b>Total</b>	2.451	2.996	5.447

Selon done yo ki sou tablo a, ki deklarasyon ki kòrèk?

- A** Yo te fè sondaj la ak 2.451 ti gason, epi apeprè 29% nan yo jwe je videyo.
- B** Yo te fè sondaj la ak 2.996 tifi, epi apeprè 45% nan yo jwe je videyo.
- C** Yo te fè sondaj la ak 5.447 elèv, epi apeprè 54% nan yo pa jwe je videyo.
- D** Yo te fè sondaj la ak 2.493 elèv, epi apeprè 34% nan yo se tifi ki pa jwe je videyo.

**KONTINYE**

**39**

Nou te gade ak mezire de selil anba yon mikwoskòp. Nou mete dyamèt apwoksimatif chak selil anba la a.

- selil P:  $5,0 \times 10^{-4}$  mè
- selil Q:  $3,0 \times 10^{-5}$  mè

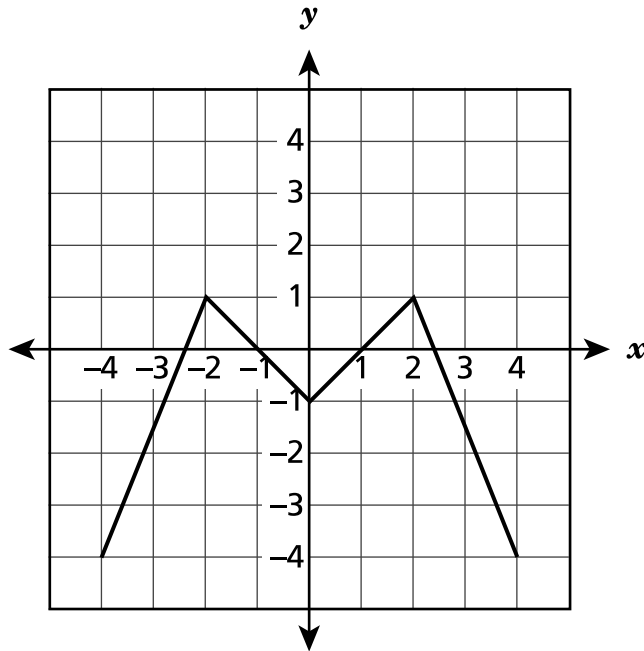
Konbyen mè distans apwoksimatif la ye ant dyamèt selil P ak dyamèt selil Q?

- A**  $2,0 \times 10^{-5}$
- B**  $2,0 \times 10^{-4}$
- C**  $4,7 \times 10^{-5}$
- D**  $4,7 \times 10^{-4}$

***KONTINYE***

40

Nou montre yon fonksyon  $x$  sou plan kowòdone a.



Sou ki entèval fonksyon an ap ogmante?

**A**  $-4 < x < -2$  ak  $-1 < x < 1$

**C**  $-2 < x < 0$  ak  $2 < x < 4$

**B**  $-4 < x < -2$  ak  $0 < x < 2$

**D**  $-2 < x < -1$  ak  $2 < x < 4$

***KONTINYE***



**41** Nou montre yon ekwasyon anba la a.

$$3(x - 2) + 7x = \frac{1}{2}(6x - 2)$$

Konbyen solisyon ekwasyon an genyen, si li genyen?

**Montre kijan ou fè pou jwenn repons la.**

**Repons** Kantite solisyon \_\_\_\_\_

**KONTINYE**

42

Dwat  $n$  pase atravè pwen  $(-3, -7, 5)$  ak  $(2, -5)$ . Tahlia te detèmine ekwasyon dwat  $n$  se  $y = 0,5x$ . Eksplike ki erè Tahlia te fè pandan l ap detèmine ekwasyon li a. Pa bliye mete bon ekwasyon an nan eksplikasyon w lan.

**Repons**

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**KONTINYE**

43

Kare ABCD chita nan yon plan kowòdone. Nou mete kowòdone pou twa somè yo anba la a.

- A (2,7)
- C (8,1)
- D (2,1)

Kare ABCD sibi yon dilatasyon nan yon faktè echèl 2 ak nan mitan orijin nan pou fòme kare  $A'B'C'D'$ . Kisa ki kowòdone somè  $B'$  ?

*Eksplike kijan ou te fè pou detèmine repons ou an.*

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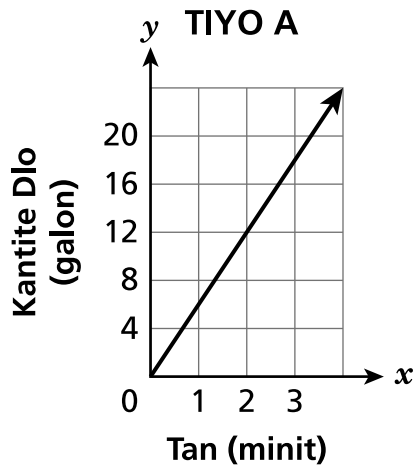
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**KONTINYE**

44

Charles bezwen itilize yon tiyo pou ranpli yon gwo rezèvwa pwason ak dlo. Li gen posiblite pou chwazi ant de tiyo. Dlo pase nan chak tiyo nan yon to konstan. Graf ki anba la a montre kantite dlo ki pase, an galon, nan Tiyo A selon kantite minit yo te itilize li.



Yon total 110 galon dlo ka pase nan Tiyo B nan 10 minit. Ki tiyo ki gen yon to dlo ki pase pi vit, an galon pa minit, epi konbyen vitès sa a ye?

*Montre kijan ou fè pou jwenn repons la.*

**Repons** Tiyo \_\_\_\_\_ ak \_\_\_\_\_ galon pa minit

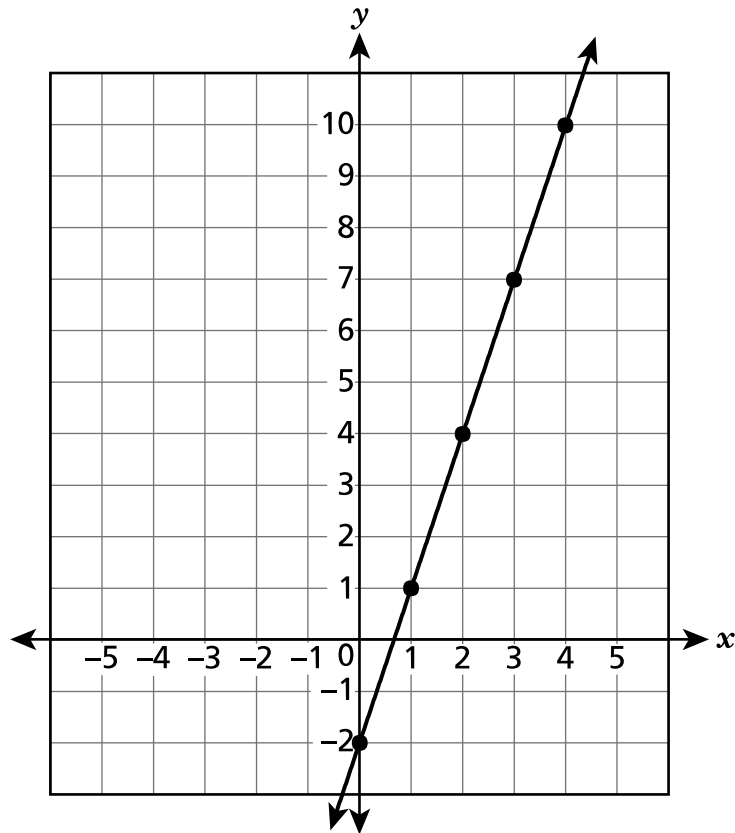
**KONTINYE**

Tablo ak graf nou montre anba la a reprezante yon fonksyon  $x$  yo chak.

FONKSYON A

$x$	$y$
1	5
2	7
3	9
5	13
6	15

FONKSYON B



Ki fonksyon ki gen pi gran to chanjman, A oswa B? Pa bliye mete valè pou to chanjman yo nan repons ou a.

*Eksplike repons ou.*

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**KONTINYE**

46

Mas Latè se apeprè  $5,97 \times 10^{24}$  kilogram. Mas Venis se apeprè 4.870.000.000.000.000.000.000.000 kilogram. Ki diferans ant apwoksimasyon mas Latè ak Venis an kilogram? Eksprime repons ou a ak notasyon syantifik.

*Montre kijan ou fè pou jwenn repons la.*

Repons \_\_\_\_\_ kilogram

**KONTINYE**

**47**

Pè òdone yo ki anba la a reprezante yon fonksyon lineyè.

$$\left(\frac{3}{4}, 6\frac{1}{4}\right), \left(1\frac{1}{4}, 7\frac{3}{4}\right), (x, y)$$

Ki valè ki te kapab valè  $x$  ak  $y$  ?

**Montre kijan ou fè pou jwenn repons la.**

**Repons**  $x =$  \_\_\_\_\_

$y =$  \_\_\_\_\_

**KONTINYE**

48

Yon distri lekòl te mennen yon total 409 elèv ak pwofesè nan yon zou nan otobis ak kamyonèt.

- Chak otobis te pote yon total 55 elèv ak pwofesè.
- Chak kamyonèt te pote yon total 12 elèv ak pwofesè.
- Te gen 5 otobis an plis pase kamyonèt.

Ototal, konbyen elèv ak pwofesè ki te monte otobis pou ale nan zou a? Ototal, konbyen elèv ak pwofesè ki te monte kamyonèt pou ale nan zou a?

**Montre kijan ou fè pou jwenn repons la.**

**Repons** \_\_\_\_\_ kantite elèv ak pwofesè ki te monte otobis

\_\_\_\_\_ kantite elèv ak pwofesè ki te monte kamyonèt



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**Ane 8**  
**2018**  
**Egzamen Matematik**  
**Seyans 2**  
1 – 3 Me 2018

**Grade 8**  
**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 8 Released Questions on EngageNY**

Question	Type	Key	Points	Standard	Cluster	Subscore
<b>Session 1</b>						
1	Multiple Choice	D	1	CCSS.Math.Content.8.F.A.1	Functions	Functions
2	Multiple Choice	B	1	CCSS.Math.Content.8.EE.A.3	Expressions and Equations	Expressions and Equations
3	Multiple Choice	B	1	CCSS.Math.Content.8.F.A.3	Functions	Functions
4	Multiple Choice	A	1	CCSS.Math.Content.8.EE.C.8b	Expressions and Equations	Expressions and Equations
6	Multiple Choice	D	1	CCSS.Math.Content.8.EE.B.5	Expressions and Equations	Expressions and Equations
7	Multiple Choice	C	1	CCSS.Math.Content.7.G.B.6	Geometry	Geometry
8	Multiple Choice	A	1	CCSS.Math.Content.8.SP.A.2	Statistics and Probability	
11	Multiple Choice	D	1	CCSS.Math.Content.8.G.A.2	Geometry	Geometry
14	Multiple Choice	C	1	CCSS.Math.Content.8.F.A.3	Functions	Functions
15	Multiple Choice	D	1	CCSS.Math.Content.7.G.A.2	Expressions and Equations	Expressions and Equations
16	Multiple Choice	B	1	CCSS.Math.Content.8.SP.A.3	Statistics and Probability	
19	Multiple Choice	B	1	CCSS.Math.Content.8.F.A.2	Functions	Functions
20	Multiple Choice	A	1	CCSS.Math.Content.8.G.A.3	Geometry	Geometry
23	Multiple Choice	D	1	CCSS.Math.Content.8.G.A.4	Geometry	Geometry
24	Multiple Choice	B	1	CCSS.Math.Content.8.EE.C.8c	Expressions and Equations	Expressions and Equations
26	Multiple Choice	C	1	CCSS.Math.Content.8.G.C.9	Geometry	Geometry
30	Multiple Choice	C	1	CCSS.Math.Content.8.F.A.2	Functions	Functions
31	Multiple Choice	C	1	CCSS.Math.Content.8.SP.A.1	Statistics and Probability	
32	Multiple Choice	C	1	CCSS.Math.Content.8.SP.A.3	Statistics and Probability	
33	Multiple Choice	B	1	CCSS.Math.Content.8.G.C.9	Geometry	Geometry
<b>Session 2</b>						
34	Multiple Choice	A	1	CCSS.Math.Content.8.EE.B.5	Expressions and Equations	Expressions and Equations
35	Multiple Choice	A	1	CCSS.Math.Content.8.EE.B.6	Expressions and Equations	Expressions and Equations
36	Multiple Choice	D	1	CCSS.Math.Content.8.G.A.5	Geometry	Geometry
37	Multiple Choice	A	1	CCSS.Math.Content.7.G.A.3	Geometry	Geometry
38	Multiple Choice	B	1	CCSS.Math.Content.8.SP.A.4	Statistics and Probability	
39	Multiple Choice	D	1	CCSS.Math.Content.8.EE.A.4	Expressions and Equations	Expressions and Equations
40	Multiple Choice	B	1	CCSS.Math.Content.8.F.B.5	Functions	Functions
41	Constructed Response		2	CCSS.Math.Content.8.EE.C.7a	Expressions and Equations	Expressions and Equations
42	Constructed Response		2	CCSS.Math.Content.8.F.B.4	Functions	Functions
43	Constructed Response		2	CCSS.Math.Content.8.G.A.3	Geometry	Geometry
44	Constructed Response		2	CCSS.Math.Content.8.EE.B.5	Expressions and Equations	Expressions and Equations
45	Constructed Response		2	CCSS.Math.Content.8.F.A.2	Functions	Functions
46	Constructed Response		2	CCSS.Math.Content.8.EE.A.4	Expressions and Equations	Expressions and Equations
47	Constructed Response		2	CCSS.Math.Content.8.F.A.3	Functions	Functions
48	Constructed Response		3	CCSS.Math.Content.8.EE.C.8c	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.