



New York State
EDUCATION DEPARTMENT

Knowledge > Skill > Opportunity

**New York State Testing Program
Grade 5
Mathematics Test
(Haitian Creole)**

Released Questions

2021

New York State administered the Mathematics Tests in May 2021 and is now making the questions from Session 1 of these tests available for review and use. Only Session 1 was required in 2021.



New York State Testing Program Grades 3–8 Mathematics

Released Questions from 2021 Tests

Background

In 2013, New York State (NYS) 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 (NYSED) 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 2021 NYS Grades 3–8 English Language Arts and Mathematics test materials for review, discussion, and use.

In February 2021, with the ongoing COVID-19 pandemic still forcing restrictions on all educational and learning activities statewide, NYSED submitted two federal waiver requests related to state assessment and accountability requirements. The waiver requests addressed the unique circumstances caused by the pandemic that have resulted in many students receiving some or all of their instruction remotely.

Later that month, the United States Department of Education (USDE) informed states that it would not grant a blanket waiver for state assessments. However, the USDE agreed to uncouple state assessments from the Every Student Succeeds Act (ESSA) accountability requirements so that test results will be used solely as a measure of student learning. Additionally, it was decided that NYSED would administer only Session 1 of the Grades 3–8 ELA and Mathematics Tests for the Spring 2021 administration and that the tests would include previously administered questions.

The decision to use previously administered test questions in this extraordinary year was based on guidance from nationally recognized experts in the assessment field and was recommended in a [publication](#) from the Council of Chief State School Officers to state education departments. Reusing test questions provided the benefit of having established scale scores and stable item parameters. Using previously administered test questions also ensured that it will be possible to develop new test forms for 2022 and beyond. Although it was not the driver of the decision, the reuse of previously administered test questions provided an opportunity for cost savings during these unique circumstances where the instructional models used by schools varied throughout the State.

For 2021, the entire Session 1 booklet is being released as this is all that students were required to take. Additionally, NYSED is providing a map that details what learning standards 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 NYSED'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.

New York State P–12 Learning Standards Alignment

The alignment to the New York State P–12 Learning Standards for Mathematics is intended to identify the primary analytic skills necessary to successfully answer each question. 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 5
Mathematics Test
Session 1
v202

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

Ane 5

v202

Released Questions

Developed and published under contract with the New York State Education Department by Questar Assessment Inc., 5550 Upper 147th Street West, Minneapolis, MN 55124. Copyright © 2021 by the New York State Education Department.

Ane 5 Fèy Referans Matematik

KONVÈSYON

1 mil = 5.280 pye

1 mil = 1.760 yad

1 liv = 16 ons

1 tòn = 2.000 liv

1 tas = 8 ons likid

1 pent = 2 tas

1 ka = 2 pent

1 galon = 4 ka

1 lit = 1.000 santimèt kib

FÒMIL

Prism Rektangilè Dwa

$V = Bh$ oswa $V = lwh$



Seyans 1

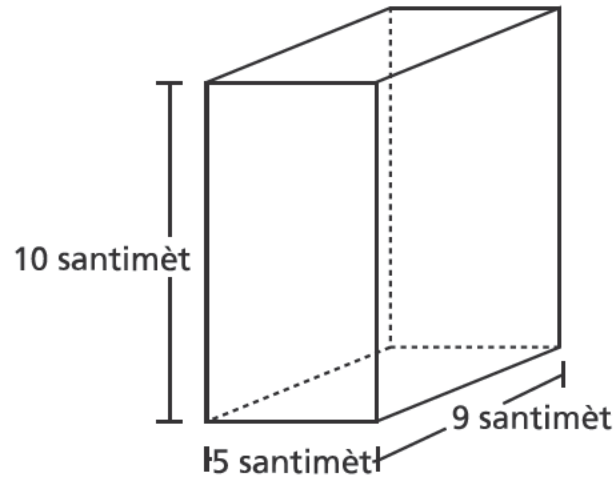


KONSÈY POU PRAN EGZAMEN AN

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 Gen yon bwat kado ki gen fòm prism rektangilè dwat, jan ou wè nan foto ki anba la a.



Konbyen santimèt kib volim bwat kado a ye?

- A 24
- B 45
- C 225
- D 450

2 Konbyen sòm $\frac{2}{10} + \frac{6}{100}$ ye?

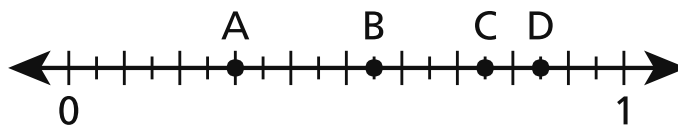
- A $\frac{8}{10}$
- B $\frac{8}{100}$
- C $\frac{26}{10}$
- D $\frac{26}{100}$

KONTINYE

- 3 Samdi, Mark te vann $2\frac{7}{8}$ galon limonad. Nan menm jou a, Regan te vann $\frac{2}{3}$ fwa kantite limonad Mark te vann. Konbyen galon limonad Regan te vann?

- A $1\frac{5}{16}$
- B $1\frac{11}{12}$
- C $2\frac{7}{12}$
- D $4\frac{5}{16}$

- 4 Ki pwen sou dwat nimerik ki anba la a ki reprezante yon valè 0,75?



- A pwen A
- B pwen B
- C pwen C
- D pwen D

KONTINYE

5

Ki konparezon ki vrè?

A $2,919 > 2,94$

B $0,99 < 0,569$

C $1,27 > 1,189$

D $3,861 < 3,75$

6

Betty gen 3 chat ak 4 chen. Li bay yo chak yon kiyè manje de fwa pa jou. Ki ekspresyon ou ka itilize pou montre konbyen kiyè Betty bezwen bay bèt li yo nan yon jou?

A $(2 \times 3) \times 4$

B $(2 \times 3) + 4$

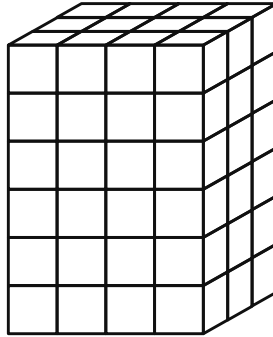
C $2 + (3 + 4)$

D $2 \times (3 + 4)$

KONTINYE

7

Nou montre yon dyagram yon prism rektangilè ki ranpli ak kib inite anba la a. Chak kib inite gen longè kote ki mezire 1 pye.



Konbyen pye kib volim prism rektangilè a ye?

- A 12
- B 13
- C 54
- D 72

8

Kisa ki valè ekspresyon ki anba la a?

$$[(3 \times 4) - 6] + 4 \times 2$$

- A 4
- B 14
- C 20
- D 30

KONTINYE

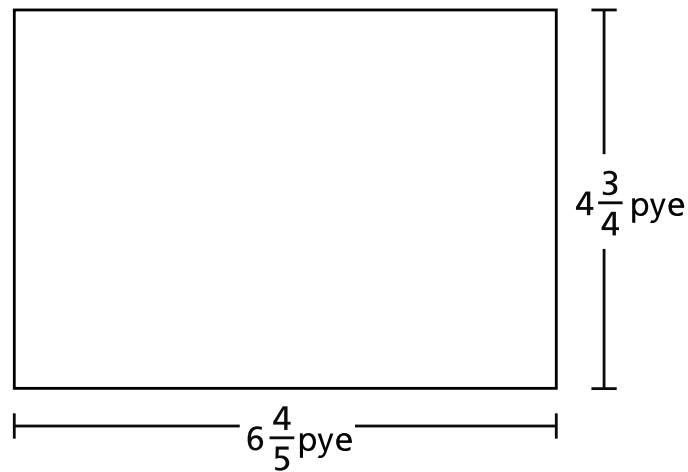
9

Madmwazèl Reed melanje lwil ak vinèg pou fè vinegrèt. Li melanje 8 ons likid lwil ak 3 ons likid vinèg pou fè yon lo. Madmwazèl Reed fè 3 lo vinegrèt. Konbyen tas vinegrèt li te fè ototal?

- A $1\frac{3}{8}$ tas
- B $2\frac{1}{16}$ tas
- C $2\frac{3}{4}$ tas
- D $4\frac{1}{8}$ tas

10

Konbyen pye kare sifas rektang ki anba la a ye?



- A $11\frac{11}{20}$
- B $24\frac{12}{20}$
- C $27\frac{4}{20}$
- D $32\frac{6}{20}$

KONTINYE

11

Ed te fè yon randone 3 kilomèt samdi epi li naje 2 kilomèt dimanch. Konbyen mètr total Ed te fè randone ak naje samdi ak dimanch?

- A 50
- B 500
- C 5.000
- D 50.000

12

Ki ekspresyon nou te ka itilize pou jwenn valè ekspresyon ki anba la a?

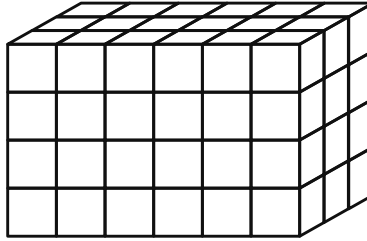
$$1.284 \div 4$$

- A $(1.200 \div 4) \times (84 \div 4)$
- B $(1.200 \div 4) \div (84 \div 4)$
- C $(1.200 \div 4) + (84 \div 4)$
- D $(1.200 \div 4) - (84 \div 4)$

KONTINYE

13

Ki ekspresyon nou **pa kapab** itilize pou detèmine volim prism rektangilè ki nan foto anba a?



- A 12×6
- B 18×4
- C $6 \times 3 \times 4$
- D $6 \times 4 \times 6$

14

Kisa ou jwenn lè ou awondi 15,74 nan nonb antye ki pi pre a?

- A 10
- B 15
- C 16
- D 20

KONTINYE

15 Jack mete $\frac{1}{3}$ liv grenn pou zwazo nan manjwa pou zwazo a chak fwa li ranpli li. Konbyen fwa Jack ka ranpli manjwa li a ak 4 liv grenn pou zwazo?

- A $1\frac{1}{3}$
- B $3\frac{2}{3}$
- C 11
- D 12

16 Carlos kreye 1 liv melanj goute ak nwa, rezen, ak sereyal. Lis ki anba la a montre konbyen liv nwa ak rezen li itilize.

- $\frac{1}{3}$ liv nwa
- $\frac{2}{5}$ liv rezen

Konbyen liv sereyal Carlos itilize?

- A $\frac{3}{8}$
- B $\frac{5}{8}$
- C $\frac{4}{15}$
- D $\frac{11}{15}$

KONTINYE

17 Tara abite yon distans $\frac{3}{4}$ mil ak pak la. Nikhil abite yon distans $6\frac{2}{3}$ fwa distans Tara ak pak la. Konbyen mil distans Nikhil abite ak pak la ye?

- A 2
- B 5
- C $5\frac{1}{6}$
- D $8\frac{8}{9}$

18 Ki deklarasyon ki dekri pwodwi ekspresyon an $5 \times \frac{1}{2}$?

- A Li pi piti pase $\frac{1}{2}$.
- B Li pi gran pase 5.
- C Li ant 5 ak 6.
- D Li ant $\frac{1}{2}$ ak 5.

KONTINYE

19 Ki valè ekspresyon $\frac{1}{7} \div 5$?

A $\frac{1}{12}$

B $\frac{1}{35}$

C $\frac{5}{7}$

D $\frac{6}{7}$

20 Cole gen yon jaden rektangilè ki gen yon sifas 16,02 mètr kare. Longè jaden an se 4,5 mètr. Konbyen mètr lajè jaden an ye?

A 3,56

B 11,52

C 16,12

D 20,52

21 Yon lekòl kolekte yon total \$1.648 pou achte nouvo liv. Yo pral pataje lajan yo kolekte a egalego pami 8 salklas diferan. Konbyen kantite total lajan chak salklas pral resevwa?

A \$206

B \$207

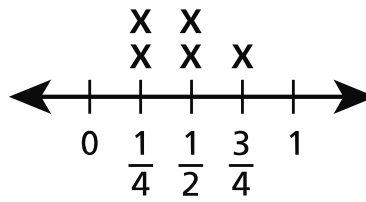
C \$260

D \$270

KONTINYE

Dyagram lineyè sa a montre kantite sereyal Shyanne te manje nan 5 jou.

SEREYAL YO TE MANJE



Kantite (tas)

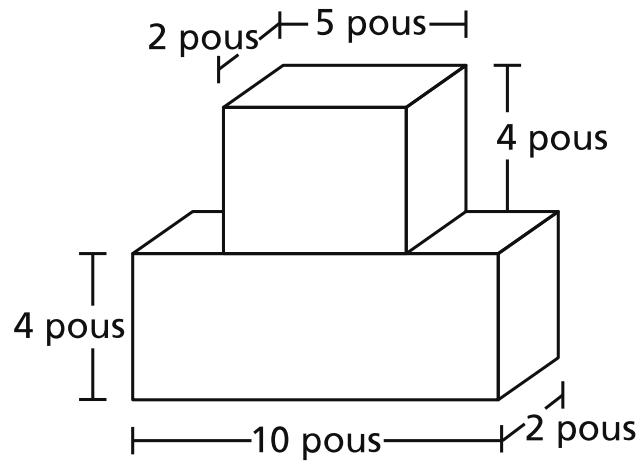
Konbyen tas sereyal ototal Shyanne te manje nan 5 jou?

- A $1\frac{1}{2}$
- B $1\frac{3}{4}$
- C $1\frac{4}{6}$
- D $2\frac{1}{4}$

KONTINYE

23

Lana sèvi ak de blòk yo ki nan dyagram nan pou konstwi yon tou.



TOU LANA A

Konbyen pous kib volim total tou Lana te konstwi a ye?

- A 27
- B 80
- C 116
- D 120

Ane 5
Egzamen Matematik
Seyans 1
v202

Grade 5
Mathematics Test
Session 1
v202

THE STATE EDUCATION DEPARTMENT
THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234
2021 Mathematics Tests Map to the Standards
Grade 5 Released Questions

Question	Type	Key	Points	Standard	Cluster	Subscore	Secondary Standard(s)
Session 1							
1	Multiple Choice	D	1	CCSS.Math.Content.5.MD.C.5b	Measurement and Data	Measurement and Data	
2	Multiple Choice	D	1	CCSS.Math.Content.4.NF.C.5	Number and Operations - Fractions	Number and Operations - Fractions	
3	Multiple Choice	B	1	CCSS.Math.Content.5.NF.B.6	Number and Operations - Fractions	Number and Operations - Fractions	
4	Multiple Choice	C	1	CCSS.Math.Content.4.NF.C.6	Number and Operations in Base Ten	Number and Operations in Base Ten	
5	Multiple Choice	C	1	CCSS.Math.Content.5.NBT.A.3b	Number and Operations in Base Ten	Number and Operations in Base Ten	
6	Multiple Choice	D	1	CCSS.Math.Content.5.OA.A.2	Operations and Algebraic Thinking		
7	Multiple Choice	D	1	CCSS.Math.Content.5.MD.C.4	Measurement and Data	Measurement and Data	
8	Multiple Choice	B	1	CCSS.Math.Content.5.OA.A.1	Operations and Algebraic Thinking		
9	Multiple Choice	D	1	CCSS.Math.Content.5.MD.A.1	Measurement and Data	Measurement and Data	
10	Multiple Choice	D	1	CCSS.Math.Content.5.NF.B.4b	Number and Operations - Fractions	Number and Operations - Fractions	
11	Multiple Choice	C	1	CCSS.Math.Content.4.MD.A.2	Measurement and Data	Measurement and Data	
12	Multiple Choice	C	1	CCSS.Math.Content.5.NBT.B.6	Number and Operations in Base Ten	Number and Operations in Base Ten	
13	Multiple Choice	D	1	CCSS.Math.Content.5.MD.C.5a	Measurement and Data	Measurement and Data	
14	Multiple Choice	C	1	CCSS.Math.Content.5.NBT.A.4	Number and Operations in Base Ten	Number and Operations in Base Ten	
15	Multiple Choice	D	1	CCSS.Math.Content.5.NF.B.7c	Number and Operations - Fractions	Number and Operations - Fractions	
16	Multiple Choice	C	1	CCSS.Math.Content.5.NF.A.2	Number and Operations - Fractions	Number and Operations - Fractions	
17	Multiple Choice	B	1	CCSS.Math.Content.5.NF.B.6	Number and Operations - Fractions	Number and Operations - Fractions	
18	Multiple Choice	D	1	CCSS.Math.Content.5.NF.B.5a	Number and Operations - Fractions	Number and Operations - Fractions	
19	Multiple Choice	B	1	CCSS.Math.Content.5.NF.B.7a	Number and Operations - Fractions	Number and Operations - Fractions	
20	Multiple Choice	A	1	CCSS.Math.Content.5.NBT.B.7	Number and Operations in Base Ten	Number and Operations in Base Ten	
21	Multiple Choice	A	1	CCSS.Math.Content.5.NBT.B.6	Number and Operations in Base Ten	Number and Operations in Base Ten	
22	Multiple Choice	D	1	CCSS.Math.Content.5.MD.B.2	Measurement and Data	Measurement and Data	
23	Multiple Choice	D	1	CCSS.Math.Content.5.MD.C.5c	Measurement and Data	Measurement and Data	

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.