Name: _____

New York State Testing Program

Mathematics Test
Session 1

Grade 5

Spring 2026

RELEASED QUESTIONS

Session 1

TIPS FOR TAKING THE TEST

Here are some ideas to help you do your best:

- Read each question carefully. Take your time.
- You have a ruler, a protractor, and a reference sheet that you can use on the test if they help you answer the question.

1 Which number makes the comparison shown below true?

$44.325 > \underline{\quad ? \quad}$

A 44.235

B 44.325

C 44.352

D 44.532

2 Which expression shows the number 43.564 in expanded form?

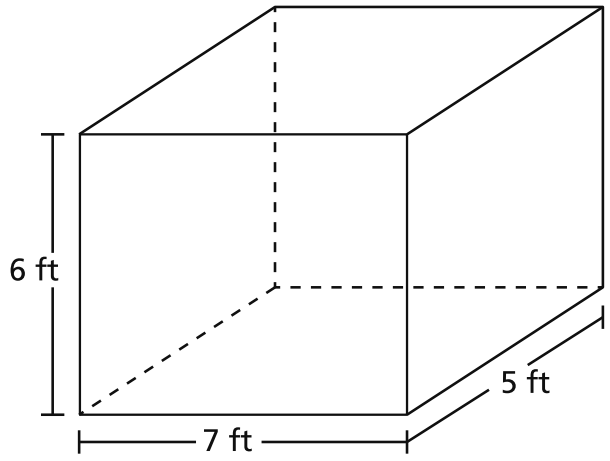
A $\left(4 \times 100\right) + \left(3 \times 10\right) + \left(5 \times 1\right) + \left(6 \times \frac{1}{10}\right) + \left(4 \times \frac{1}{100}\right)$

B $\left(4 \times 10\right) + \left(3 \times 1\right) + \left(5 \times \frac{1}{10}\right) + \left(6 \times \frac{1}{100}\right) + \left(4 \times \frac{1}{1{,}000}\right)$

C $\left(4 \times 10\right) + \left(3 \times 1\right) + \left(5 \times \frac{1}{1{,}000}\right) + \left(6 \times \frac{1}{100}\right) + \left(4 \times \frac{1}{10}\right)$

D $\left(4 \times 100\right) + \left(3 \times 10\right) + \left(5 \times \frac{1}{1{,}000}\right) + \left(6 \times \frac{1}{100}\right) + \left(4 \times \frac{1}{10}\right)$

3 A diagram of a right rectangular prism is shown below.



What is the volume, in cubic feet, of the right rectangular prism?

A 280

B 210

C 41

D 35

4 Gina works $6\frac{1}{3}$ hours on Tuesday and $4\frac{1}{2}$ hours on Thursday. What is the total number of hours Gina works on these two days?

A $10\frac{1}{6}$

B $10\frac{1}{5}$

C $10\frac{2}{5}$

D $10\frac{5}{6}$

5 A teacher buys 1,176 prizes for a school event. The teacher places all the prizes into 14 baskets with the same number of prizes in each basket. How many prizes are in each basket?

A 74

B 76

C 84

D 86

6 Mariam draws a quadrilateral with exactly one set of parallel lines. Which type of figure does she draw?

A square

B rectangle

C trapezoid

D parallelogram

7 Savannah walks a total of 21.7 miles in 7 days. She walks the same distance every day. How many miles does she walk each day?

A 3.01

B 3.10

C 30.1

D 31.0

9 Which statement describes the product of the expression $\frac{2}{5} \times \frac{3}{3}$?

A It is between 1 and 2.

B It is between $\frac{2}{5}$ and 1.

C It is equal to $\frac{2}{5}$.

D It is less than $\frac{2}{5}$.

10 The table below shows the amount of snow that fell in Mr. Green's yard each month for five months.

SNOW IN MR. GREEN'S YARD

Month	Amount of Snow
November	10 in.
December	1 ft 7 in.
January	2 ft 5 in.
February	1 ft 9 in.
March	11 in.

What is the total amount of snow, in inches, that fell in Mr. Green's yard during the five months?

A 42

B 46

C 82

D 90

11 Zahra has $7\frac{3}{8}$ yards of string. She uses $5\frac{1}{4}$ yards of the string to wrap gifts. What is the length, in yards, of the remaining string?

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

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

C $2\frac{1}{4}$

D $2\frac{1}{8}$

GO ON

12 In which number does the digit 6 represent a value that is one tenth the value represented by the digit 6 in 786,543 ?

A 589,632

B 675,432

C 764,132

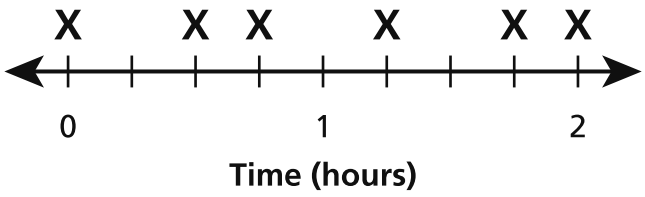
D 798,562

13 A student records the time they spend reading each day for 8 days. They start to make a line plot using the data collected. The data table and the line plot are shown below.

TIME SPENT READING (HOURS)

$1\frac{3}{4}$	$1\frac{1}{4}$
$\frac{3}{4}$	$\frac{3}{4}$
$\frac{2}{4}$	$1\frac{2}{4}$
0	2

TIME SPENT READING



What data points does the student need to add to complete the line plot?

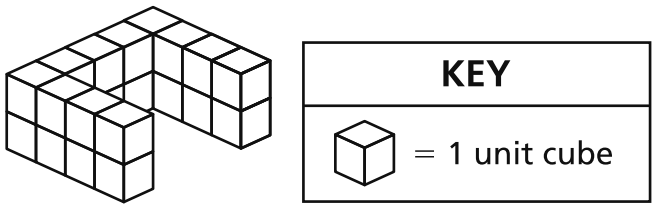
A $\frac{1}{4}$ and $1\frac{2}{4}$

B $\frac{2}{4}$ and $1\frac{1}{4}$

C $\frac{3}{4}$ and $1\frac{3}{4}$

D $\frac{3}{4}$ and $1\frac{2}{4}$

15 A student uses unit cubes to build the figure shown below.



What is the volume, in cubic units, of the figure?

A 11

B 22

C 34

D 40

GO ON

16 A division equation is shown below.

$$4 \div \frac{1}{5} = \underline{\ ?\ }$$

Which related multiplication equation can be used to find the solution?

A $4 \times 5 = \underline{\ ?\ }$

B $4 \times \frac{1}{5} = \underline{\ ?\ }$

C $4 \times \underline{\ ?\ } = 5$

D $4 \times \underline{\ ?\ } = \frac{1}{5}$

17 A bakery uses 5 kilograms of flour to make 8 batches of cookies. Each batch uses the same amount of flour. How much flour is needed for 1 batch of cookies?

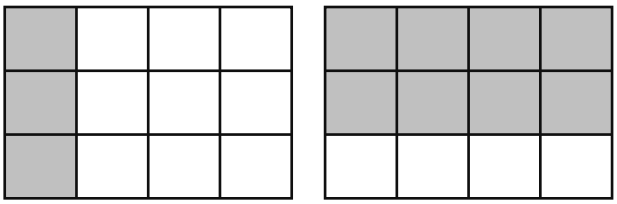
A $\frac{1}{5}$ kilogram

B $\frac{5}{8}$ kilogram

C $1\frac{3}{8}$ kilograms

D $1\frac{3}{5}$ kilograms

18 Nicole drew the fraction models shown below to help her find the value of $\frac{1}{4} + \frac{2}{3}$.



What is the value of $\frac{1}{4} + \frac{2}{3}$?

A $\frac{3}{7}$

B $\frac{3}{8}$

C $\frac{11}{12}$

D $\frac{11}{24}$

19 A right rectangular prism has a volume of 90 cubic inches. The height of the prism is 6 inches and the width of the prism is 3 inches. What is the length, in inches, of the prism?

A 5

B 10

C 72

D 99

GO ON

20 Which value is equivalent to 0.35 ?

A $\frac{35}{10}$

B $\frac{35}{100}$

C $3\frac{5}{10}$

D $3\frac{5}{100}$

21 Caleb has two pets. His cat weighs $8\frac{3}{4}$ pounds. His dog weighs $4\frac{1}{2}$ times as much as his cat.

What is the weight, in pounds, of Caleb's dog?

A $12\frac{4}{6}$

B $13\frac{1}{4}$

C $32\frac{3}{8}$

D $39\frac{3}{8}$

23 Jamal lives 3.65 miles away from school. Terry lives 1.78 miles farther from school than Jamal. How many miles from school does Terry live?

A 1.87

B 2.13

C 4.33

D 5.43

24 What is the value of the expression shown below?

$$\frac{1}{3} \div 15$$

A $\frac{1}{45}$

B $\frac{1}{5}$

C 5

D 45

25 What is the area, in square units, of a rectangle with side lengths of $\frac{4}{12}$ units and $\frac{7}{8}$ units?

A $\frac{11}{20}$

B $\frac{22}{40}$

C $\frac{28}{86}$

D $\frac{28}{96}$

GO ON

26 What is the number 256.754 rounded to the nearest hundredth?

A 256.7

B 256.8

C 256.75

D 256.76

28 Val combines the ingredients shown below to make fruit punch.

- 3 cups water
- 4 pints pineapple juice
- 8 fluid ounces orange juice
- 16 fluid ounces lemonade

How many cups of fruit punch does Val make?

A 7

B 8

C 14

D 31

29 What is the value of the expression $5\frac{1}{4} - 2\frac{5}{6}$?

A $2\frac{5}{12}$

B $2\frac{7}{12}$

C $3\frac{5}{12}$

D $3\frac{7}{12}$

30 Julia uses 1-inch cubes to build a right rectangular prism. The base of the prism is 4 inches by 6 inches. The prism is 7 inches tall. What is the total number of 1-inch cubes she uses to build the prism?

A 17

B 24

C 168

D 280

STOP

Grade 5
Mathematics Test
Session 1
Spring 2026

Name: _____

New York State Testing Program

Mathematics Test
Session 2

Grade 5

Spring 2026

RELEASED QUESTIONS

Session 2

TIPS FOR TAKING THE TEST

Here are some ideas to help you do your best:

- Read each question carefully. Take your time.
- You have a ruler, a protractor, and a reference sheet that you can use on the test if they help you answer the question.
- Be sure to show your work when asked.
- Be sure to explain your answer when asked.

31 The list below shows the number of pounds of blueberries a farmer sold on two different days.

- Monday: $3\frac{1}{2}$ pounds
- Wednesday: $4\frac{7}{8}$ pounds

How many **fewer** pounds of blueberries did the farmer sell on Monday than on Wednesday?

A $\frac{3}{8}$

B $1\frac{3}{8}$

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

D 2

32 Melissa bought 2 binders with a price of $3.49 each and 1 pack of pencils with a price of $2.79. What is the total amount Melissa paid for the binders and pencils?

A $9.77

B $8.57

C $6.98

D $6.28

GO ON

33 Which statement about the quotient of $267.354 \div 10^2$ is true?

A The decimal point is between the 5 and the 4.

B The decimal point is between the 3 and the 5.

C The decimal point is between the 6 and the 7.

D The decimal point is between the 2 and the 6.

34 There are 624 books in the library and $\frac{3}{8}$ of them are fiction books. Which expression represents the number of fiction books in the library?

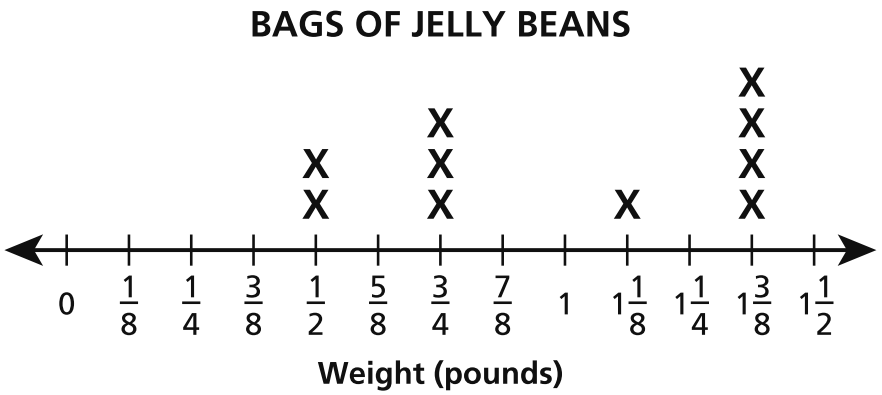
A $3 \times (8 \times 624)$

B $3 \times (624 \div 8)$

C $(624 \div 3) \times 8$

D $(624 \div 3) \div 8$

35 The line plot below shows the weights of several bags of jelly beans.



What is the total weight, in pounds, of all the bags of jelly beans?

A $2\frac{3}{4}$

B 8

C $9\frac{7}{8}$

D 10

GO ON

37 **This question is worth 1 credit.**

Ms. Roberts has 3 packages of paper. She gives each student in her class $\frac{1}{8}$ of a package of paper for a project. If she gives out all of the paper to her students, how many students are in her class?

Answer _____ students

GO ON

38 **This question is worth 1 credit.**

The distance from a school to a post office is 5 miles. What is this distance in yards?

Answer _____ yards

GO ON

40 **This question is worth 2 credits.**

A student states that a square cannot also be considered a rectangle because a rectangle does not have four sides of equal length. Is the student correct? Be sure to include properties of rectangles and squares to support your answer.

Explain how you know your answer is correct.

41 **This question is worth 2 credits.**

Bill has a rectangular shaped garden that is $16\frac{1}{3}$ feet long and $12\frac{1}{2}$ feet wide. What is the area, in square feet, of Bill's garden?

Show your work.

Answer _____ square feet

42 **This question is worth 2 credits.**

A number sentence is shown below.

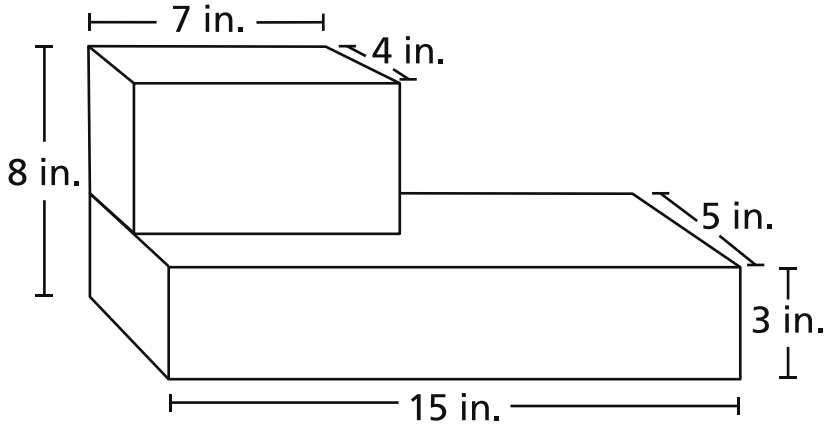
$$8 \times \frac{n}{5} > 8$$

What is one value of n that will make the number sentence true?

Explain how you know your answer is correct.

43 **This question is worth 2 credits.**

A baker makes a cake in the shape of two right rectangular prisms, as shown below.



What is the total volume, in cubic inches, of the cake?

Show your work.

Answer _____ cubic inches

GO ON

44 **This question is worth 3 credits.**

Marcus is storing his football card collection in binders.

- He has 3,724 cards.
- Each binder can hold 88 cards.

What is the total number of binders Marcus can completely fill with his card collection?

Show your work.

Answer _____ binders

How many **more** cards will Marcus need to completely fill one more binder?

Show your work.

Answer _____ cards

STOP

Grade 5
Mathematics Test
Session 2
Spring 2026

THE STATE EDUCATION DEPARTMENT

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

2026 Mathematics Tests Map to the Standards

Grade 5

Question	Type	Key	Points	Standard	Cluster	Subscore	Secondary Standard(s)
Session 1							
1	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NBT.3b	Number and Operations in Base Ten	Number and Operations in Base Ten	
2	Multiple Choice	B	1	NGLS.Math.Content.NY-5.NBT.3a	Number and Operations in Base Ten	Number and Operations in Base Ten	
3	Multiple Choice	B	1	NGLS.Math.Content.NY-5.MD.5b	Measurement and Data	Measurement and Data	
4	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NF.2	Number and Operations - Fractions	Number and Operations - Fractions	
5	Multiple Choice	C	1	NGLS.Math.Content.NY-5.NBT.6	Number and Operations in Base Ten	Number and Operations in Base Ten	
6	Multiple Choice	C	1	NGLS.Math.Content.NY-5.G.4	Geometry		
7	Multiple Choice	B	1	NGLS.Math.Content.NY-5.NBT.7	Number and Operations in Base Ten	Number and Operations in Base Ten	
9	Multiple Choice	C	1	NGLS.Math.Content.NY-5.NF.5b	Number and Operations - Fractions	Number and Operations - Fractions	
10	Multiple Choice	D	1	NGLS.Math.Content.NY-4.MD.1	Measurement and Data	Measurement and Data	
11	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NF.2	Number and Operations - Fractions	Number and Operations - Fractions	
12	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NBT.1	Number and Operations in Base Ten	Number and Operations in Base Ten	
13	Multiple Choice	D	1	NGLS.Math.Content.NY-5.MD.2	Measurement and Data	Measurement and Data	
15	Multiple Choice	B	1	NGLS.Math.Content.NY-5.MD.4	Measurement and Data	Measurement and Data	
16	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NF.7b	Number and Operations - Fractions	Number and Operations - Fractions	
17	Multiple Choice	B	1	NGLS.Math.Content.NY-5.NF.3	Number and Operations - Fractions	Number and Operations - Fractions	
18	Multiple Choice	C	1	NGLS.Math.Content.NY-5.NF.1	Number and Operations - Fractions	Number and Operations - Fractions	
19	Multiple Choice	A	1	NGLS.Math.Content.NY-5.MD.5b	Measurement and Data	Measurement and Data	
20	Multiple Choice	B	1	NGLS.Math.Content.NY-4.NF.6	Number and Operations in Base Ten	Number and Operations in Base Ten	
21	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NF.6	Number and Operations - Fractions	Number and Operations - Fractions	
23	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NBT.7	Number and Operations in Base Ten	Number and Operations in Base Ten	
24	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NF.7a	Number and Operations - Fractions	Number and Operations - Fractions	
25	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NF.4b	Number and Operations - Fractions	Number and Operations - Fractions	
26	Multiple Choice	C	1	NGLS.Math.Content.NY-5.NBT.4	Number and Operations in Base Ten	Number and Operations in Base Ten	
28	Multiple Choice	C	1	NGLS.Math.Content.NY-5.MD.1	Measurement and Data	Measurement and Data	
29	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NF.1	Number and Operations - Fractions	Number and Operations - Fractions	
30	Multiple Choice	C	1	NGLS.Math.Content.NY-5.MD.5a	Measurement and Data	Measurement and Data	
Session 2							
31	Multiple Choice	B	1	NGLS.Math.Content.NY-5.NF.2	Number and Operations - Fractions	Number and Operations - Fractions	
32	Multiple Choice	A	1	NGLS.Math.Content.NY-5.NBT.7	Number and Operations in Base Ten	Number and Operations in Base Ten	
33	Multiple Choice	D	1	NGLS.Math.Content.NY-5.NBT.2	Number and Operations in Base Ten	Number and Operations in Base Ten	
34	Multiple Choice	B	1	NGLS.Math.Content.NY-5.NF.4a	Number and Operations - Fractions	Number and Operations - Fractions	
35	Multiple Choice	C	1	NGLS.Math.Content.NY-5.MD.2	Measurement and Data	Measurement and Data	
37	Constructed Response		1	NGLS.Math.Content.NY-5.NF.7c	Number and Operations - Fractions	Number and Operations - Fractions	
38	Constructed Response		1	NGLS.Math.Content.NY-5.MD.1	Measurement and Data	Measurement and Data	
40	Constructed Response		2	NGLS.Math.Content.NY-5.G.3	Geometry		
41	Constructed Response		2	NGLS.Math.Content.NY-5.NF.6	Number and Operations - Fractions	Number and Operations - Fractions	
42	Constructed Response		2	NGLS.Math.Content.NY-5.NF.5b	Number and Operations - Fractions	Number and Operations - Fractions	
43	Constructed Response		2	NGLS.Math.Content.NY-5.MD.5c	Measurement and Data	Measurement and Data	
44	Constructed Response		3	NGLS.Math.Content.NY-5.NBT.6	Number and Operations in Base Ten	Number and Operations in Base Ten	

*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.