

Name: _____



New York State Testing Program

Mathematics Test Session 1

Grade 4

Spring 2026

RELEASED QUESTIONS

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Session 1

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 and a protractor that you can use on the test if they help you answer the question.

1 What is the number 860,327 written in expanded form?

A $800,000 + 60,000 + 3,000 + 200 + 7$

B $800,000 + 60,000 + 300 + 20 + 7$

C $80,000 + 6,000 + 3,000 + 20 + 7$

D $80,000 + 6,000 + 300 + 200 + 7$

2 A chef buys 1 pound of potatoes. The chef uses $\frac{3}{8}$ pound of the potatoes to make potato salad. He uses $\frac{4}{8}$ pound of the potatoes to make mashed potatoes. What fraction of a pound of potatoes does the chef have remaining?

A $\frac{1}{8}$

B $\frac{7}{8}$

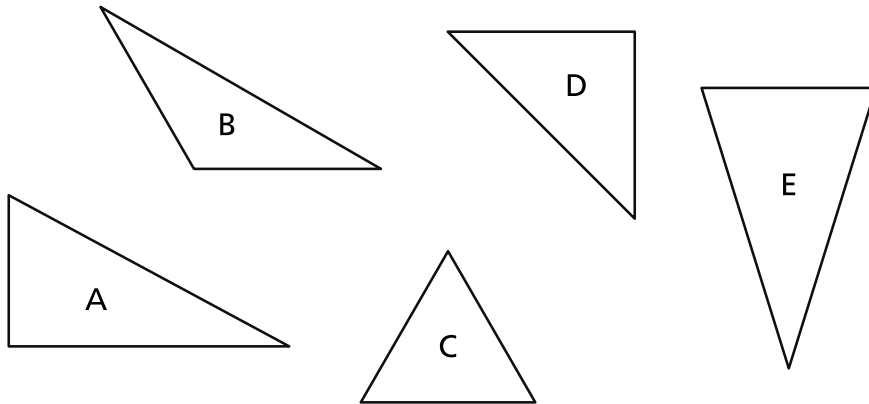
C $\frac{1}{16}$

D $\frac{7}{16}$

GO ON

3

A group of triangles is shown below.



Which two triangles appear to be right triangles?

- A A and B
- B A and D
- C C and D
- D C and E

4

What is the product of 35 and 12 ?

- A 105
- B 320
- C 350
- D 420

5

An incomplete comparison is shown below.

$$\underline{\quad ? \quad} < \frac{4}{8}$$

Which fraction makes the comparison true?

- A $\frac{2}{4}$
- B $\frac{3}{4}$
- C $\frac{5}{12}$
- D $\frac{7}{12}$

6

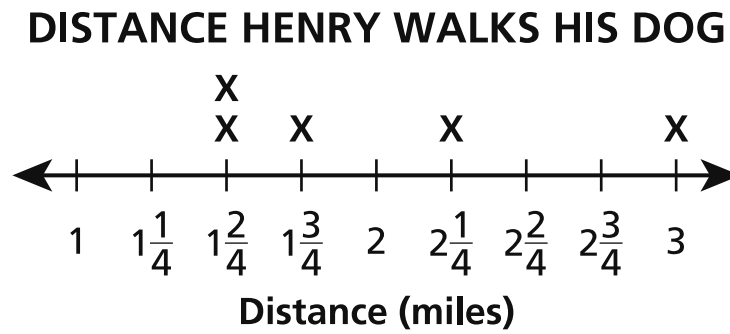
Which number is a multiple of 4 but **not** a factor of 36 ?

- A 4
- B 8
- C 9
- D 12

GO ON

7

The line plot below shows the distance Henry walks his dog each day for five days.



What is the total distance, in miles, that Henry walks his dog on those days?

- A 7
- B $8\frac{1}{2}$
- C $9\frac{3}{4}$
- D 10

GO ON

9

Which comparison is true?

A $367,832 > 368,459$

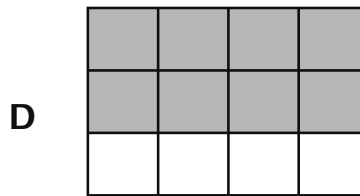
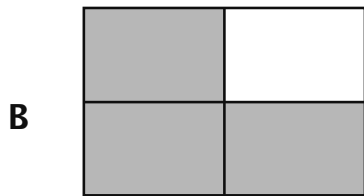
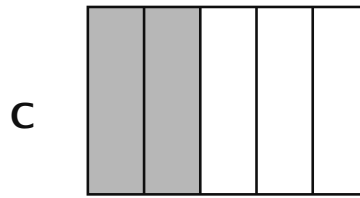
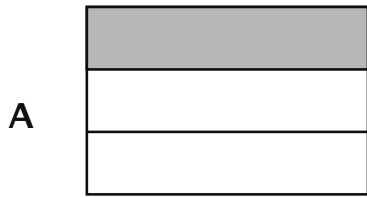
B $369,254 > 368,459$

C $358,468 > 368,459$

D $359,684 > 368,459$

GO ON

- 10** In which model is the fraction of its whole shaded to represent a value equivalent to $\frac{2}{3}$?



- 11** The number pattern shown below follows a rule.
81, 27, 9, ...

Which of these number patterns follows the same rule?

- A** 64, 16, 4, ...
B 54, 18, 6, ...
C 32, 28, 24, ...
D 22, 19, 16, ...

- 12** Three figures are shown below.

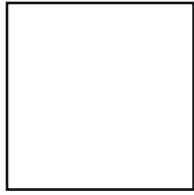


Figure X

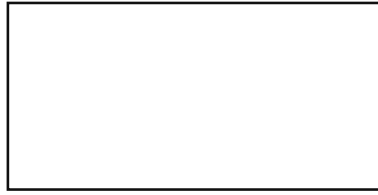


Figure Y

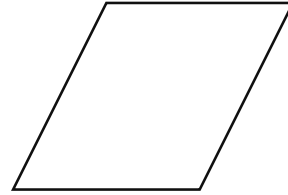


Figure Z

Which statement about all three figures appears to be true?

- A** Figure X, Figure Y, and Figure Z are all parallelograms.
 - B** Figure X and Figure Z are the only parallelograms.
 - C** Figure X and Figure Y are the only parallelograms.
 - D** Figure Z is the only parallelogram.
- 13** What is the value of $3,642 \div 4$?
- A** 91
 - B** 91 r2
 - C** 910
 - D** 910 r2

- 15** Steve sold 15 books last year at a book fair. This year, he sold 3 times as many books at the book fair as last year. How many books did Steve sell at the book fair this year?

- A 5
- B 18
- C 30
- D 45

- 16** An unknown is shown in the comparison below.

$$\frac{4}{6} > \frac{?}{3}$$

Which number can replace the unknown to make the comparison true?

- A 1
- B 2
- C 3
- D 4

17 Which value is equivalent to 10 tens?

- A 1 one
- B 1 ten
- C 1 hundred
- D 1 thousand

18 What fraction of a circle does a ray turn through when it creates an angle with a measure of 23 degrees?

- A $\frac{23}{180}$
- B $\frac{23}{360}$
- C $\frac{46}{180}$
- D $\frac{46}{360}$

GO ON

- 19 Matteo has a goal to complete a 750-piece puzzle over three days. The number of pieces of the puzzle he completed the first two days is described below.

- Day 1: 252 pieces completed
- Day 2: 155 pieces completed

Which is **closest** to the number of puzzle pieces Matteo still needs to complete on Day 3 to meet his goal?

- A 250
- B 300
- C 350
- D 400

- 20 A group of figures is shown below.

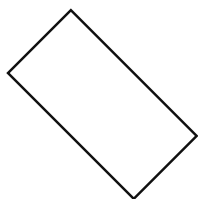


Figure J

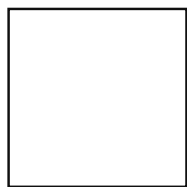


Figure K

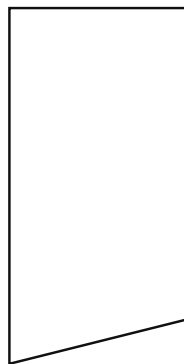


Figure L

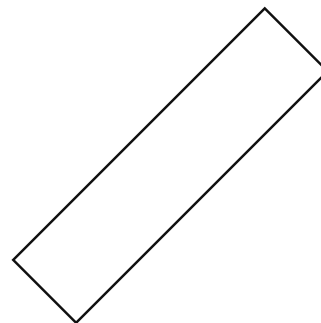


Figure M

Which statement about the figures appears to be true?

- A Figures J, K, L, and M are all rectangles.
- B Figures M and J are the only rectangles.
- C Figures M and K are the only rectangles.
- D Figures J, K, and M are the only rectangles.

21 Which expression is equivalent to $9 \times \frac{5}{12}$?

A $14 \times \frac{1}{12}$

B $14 \times \frac{5}{12}$

C $45 \times \frac{1}{12}$

D $45 \times \frac{5}{12}$

GO ON

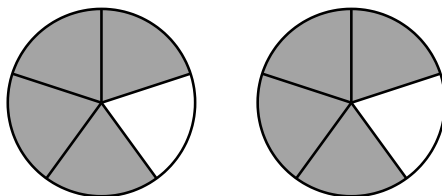
23 Jen and Kim are playing a game. The number of points they each score is described below.

- Jen scores 12 points.
- Jen scores 4 times as many points as Kim.

How many points does Kim score?

- A** 3
- B** 8
- C** 16
- D** 48

24 The two circles shown below are the same size and divided into equal parts. Each circle has part of its whole shaded to represent a fraction.



Which expression represents the total value of the parts that are shaded?

- A** $1 \times \frac{1}{5}$
- B** $4 \times \frac{1}{5}$
- C** $1 \times \frac{4}{5}$
- D** $2 \times \frac{4}{5}$

25 What is the value of the expression $10,317 \times 3$?

- A** 30,931
- B** 30,941
- C** 30,951
- D** 30,961

26 An expression is shown below.

$$8\frac{3}{10} - 3\frac{7}{10}$$

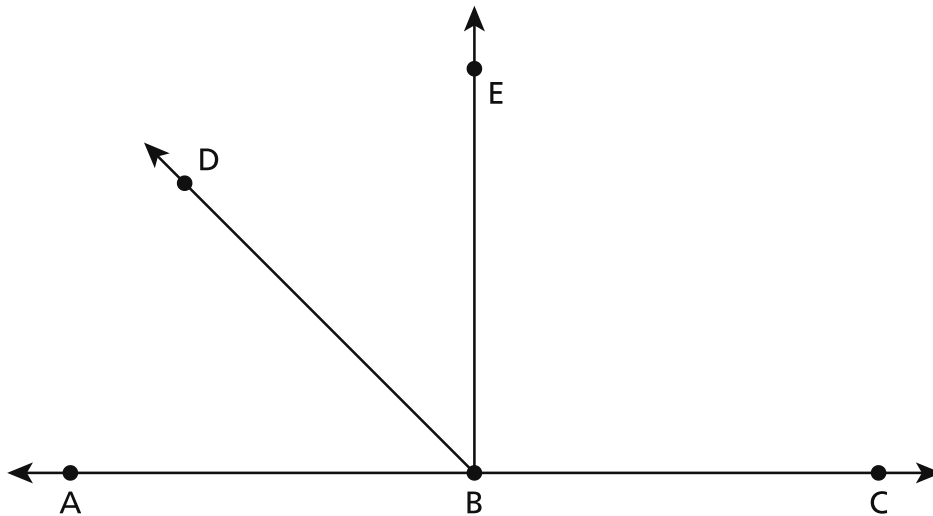
What is the value of the expression?

- A** $4\frac{3}{10}$
- B** $4\frac{6}{10}$
- C** $5\frac{4}{10}$
- D** $5\frac{6}{10}$

GO ON

28

Angle ABC in the diagram below is a straight angle.



Which angle in the diagram is an obtuse angle?

- A angle ABD
- B angle ABE
- C angle DBE
- D angle DBC

29

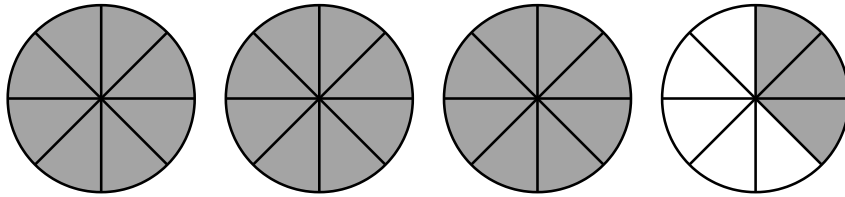
What is the value of the expression $2,913 \div 8$?

- A 363 r9
- B 364 r1
- C 373 r9
- D 374 r1

GO ON

30

The circles shown below are the same size and divided into equal parts. Each circle is shaded to represent a fraction of its whole.



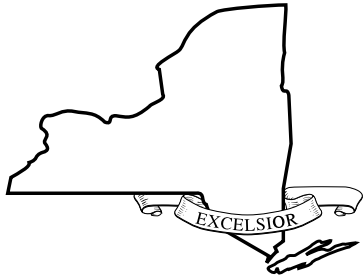
What is the sum of the fractions represented by the circles?

- A $\frac{8}{32}$
- B $\frac{8}{27}$
- C $\frac{27}{8}$
- D $\frac{32}{8}$

STOP

**Grade 4
Mathematics Test
Session 1
Spring 2026**

Name: _____



New York State Testing Program

Mathematics Test Session 2

Grade 4

Spring 2026



RELEASED QUESTIONS

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Session 2

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 and a protractor 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 Which fraction is equivalent to $\frac{3}{5}$?

A $\frac{2}{5}$

B $\frac{6}{5}$

C $\frac{3}{10}$

D $\frac{6}{10}$

32 The area model shown below represents the expression 54×18 .

	50	4
10	500	40
8	C	32

What is the value of C in the area model?

A 40

B 45

C 400

D 450

GO ON

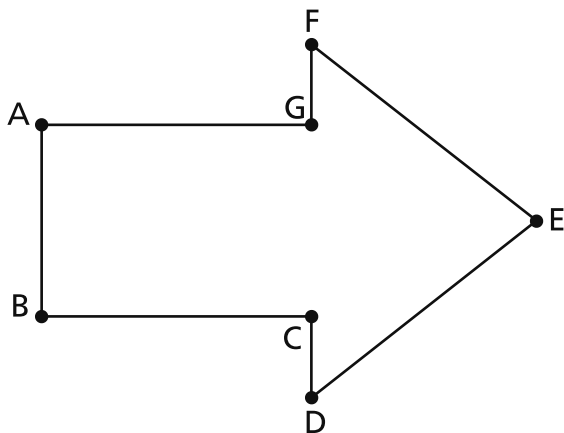
- 33 An equation is shown below.

$$28 = 4 \times 7$$

Which statement represents this equation?

- A twenty-eight is four less than seven
- B four times as many as twenty-eight is seven
- C twenty-eight is seven more than four
- D four times as many as seven is twenty-eight

- 34 A figure is shown below.



Which two line segments in the figure appear to be perpendicular to each other?

- A line segments AG and BC
- B line segments FG and EF
- C line segments BC and CD
- D line segments CD and FG

35 What is the value of the expression $26,908 \div 7$?

A 3,804

B 3,844

C 4,804

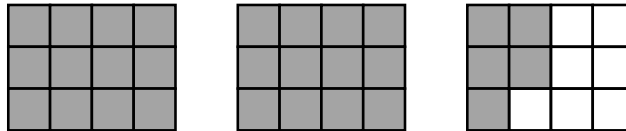
D 4,844

GO ON

37

This question is worth 1 credit.

The model below is made up of three shapes of the same size. Each shape is divided into equal parts and shaded to represent a fraction of its whole.



What mixed number is represented by the model?

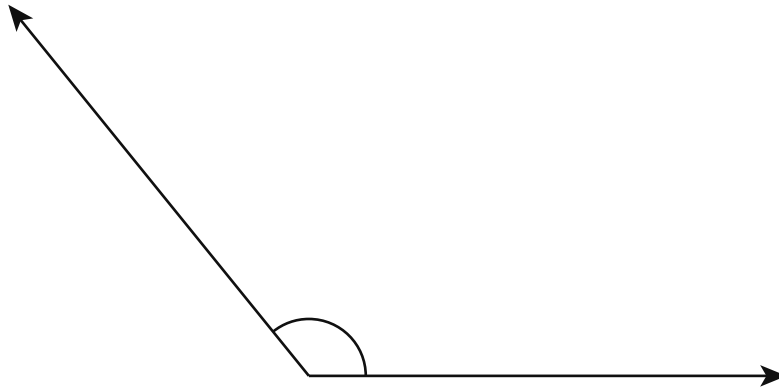
Answer _____

GO ON

38

This question is worth 1 credit.

An angle is shown below.



What is the measure of the angle?

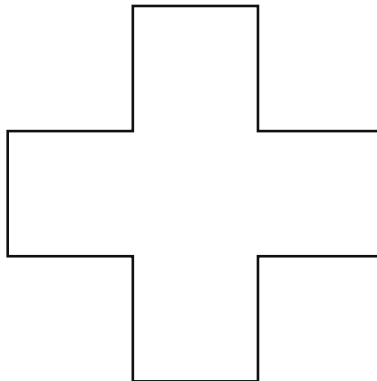
Answer _____ °

GO ON

40

This question is worth 2 credits.

A figure is shown below.



How many lines of symmetry does the figure appear to have? Be sure to include what you know about lines of symmetry in your answer.

Explain how you know your answer is correct.

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

A teacher spends a total of \$27 on boxes of pencils. Each box of pencils is \$3. Write and solve an equation that can be used to determine the total number of boxes of pencils the teacher buys. Use the letter b to represent the total number of boxes of pencils in your equation.

Show your work.

Answer $b =$ _____ boxes of pencils

GO ON

42 This question is worth 2 credits.

A student has 7 pieces of string. Each piece of string is $\frac{5}{6}$ of a yard. What is the total length, in yards, of all of the pieces of string? Write your answer as a mixed number.

Show your work.

Answer _____ yards

GO ON

43 This question is worth 2 credits.

Write a multiplication or division equation that shows the relationship between the value represented by the digit 5 in the number 3,451 and the value represented by the digit 5 in the number 3,526. Be sure to include how place value can be used to determine your answer.

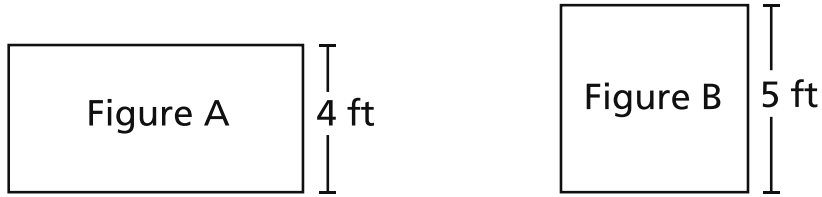
Explain your answer.

GO ON

44

This question is worth 3 credits.

Two rectangular figures are shown below. Figure A has an area of 32 square feet. Figure B has an area of 25 square feet.



Which figure has the larger perimeter? Be sure to include the perimeters of both figures in your answer.

Show your work.

Answer _____

STOP

**Grade 4
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 4

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