NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 1 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1a Student Grade 4



Part 1a contains Student Grade 4:

Core Questions Reading Questions Mathematics Questions Mathematics (KaSA) Questions

The amount of time estimated to complete these forms: Core – 5 minutes Subject-specific – 10 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student Questionnaire Cover Page

Paperwork Burden Statement

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850–0790. The time required to complete this information collection is estimated to average xx¹ minutes, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission of this form, please write to: National Assessment of Educational Progress, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006.

A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every NCES employee as well as every agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of up to \$250,000, or both if he or she willfully discloses ANY identifiable information about you.

OMB No. 1850-0790 APPROVAL EXPIRES 03/31/2016

¹ Note: 75 minutes is total for assessment (cognitive and survey), for Wave 1 paper-and-pencil administrations (Reading, Math, Math KaSA). Applicable survey question time is listed on part covers.

Student Grade 4 Core				
Student Grade 4 Core Questions	S			

The amount of time estimated to complete this form is 5 minutes.

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 11 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - [®] 6−10
 - © 11–15
 - © 16-20
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

Section	3
Occion	()

- 9. How often do people in your home talk to each other in a language other than English?
 - Never
 - ® Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 10. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - Stepmother
 - © Foster mother or other female legal guardian
 - Tather

- © Stepfather
- © Foster father or other male legal guardian

VE102537

11. Write the ZIP	code of	your	home	address
in the boxes.		-		

1 1	1 1	1 1	
1 1	1 1	1 1	

Student Grade 4 Reading				
Student Grade 4 Reading Questions				
The amount of time estimated to complete this form	is 10 minutes.			

VC504000

This section has 20 questions. Mark your answers in your booklet. Fill in only one oval for each question except where instructed otherwise.

1. Reading is one of my favorite activities. 4. How often do you talk with your friends or family about something you This is not like me. have read?

® This is a little like me. Never or hardly ever

This is a lot like me. ® Once or twice a month

Once or twice a week

 Almost every day VE659013

2. How often do you receive help or tutoring with reading outside of school or after school?

Never or hardly ever

® Once or twice a month

Once or twice a week

Every day or almost every day

Never or hardly ever

something that you have read?

5. How often does your teacher ask you to make a presentation to the class about

Sometimes

© Often

Always or almost always

VR345692

3. How often do you read for fun on your own time?

Never or hardly ever

® Once or twice a month

Once or twice a week

Almost every day

L1RB1

6. How often does your teacher ask you to read articles or stories in a magazine or in newspapers?

Never or hardly ever

Sometimes

© Often

Always or almost always

Page 1

VC504001 VC504004

- 7. How often does your teacher ask you to read aloud?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

- 10. How often does your teacher ask you to write something about what you have read?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC504002

- 8. How often does your teacher ask you to read silently?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VE658861

- 11. How often does your teacher ask you to discuss new or difficult vocabulary?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

- 9. How often does your teacher ask you to read a book you have chosen yourself?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

- 12. For school this year, how often do you work in pairs or small groups to talk about something that you have read?
 - Never or hardly ever
 - A few times a year
 - Once or twice a month
 - At least once a week

- 13. For school this year, how often do you have a class discussion about something that the class has read?
 - A Never or hardly ever
 - ® A few times a year
 - Once or twice a month
 - At least once a week

VC504005

- 14. When reading a story in class, how often does your teacher ask you to explain the story in your own words?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC504006

- 15. When reading a story in class, how often does your teacher ask you to talk about what the characters do and feel?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VB345715

- 16. For school this year, how often have you been asked to write long answers to questions on tests or assignments that involved reading?
 - A Never
 - ® Once or twice this year
 - Once or twice a month
 - At least once a week

VE658878

- 17. For school this year, how often do you use a computer or other computer-like device to read a story, article, or book?
 - Never
 - ® Once or twice this year
 - Once or twice a month
 - At least once a week

VB595182

- 18. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

L1RB1

- 19. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 20. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important



Student Grade 4 Mathematics				
Student Grade 4 Mathematics Questions				
The amount of time estimated to complete this form is 10 minutes.				

This section has 19 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB525162

1. How often do you use a computer for math at school?	2. Do you use a computer for math homework at home?
Never or hardly ever	Yes
® Once every few weeks	® No
About once a week	
Two or three times a week	
© Every day or almost every day	
Questions 3–19. For the following question math. Include things you do at home, at sch	s, think about all the times you do things for hool, or anywhere else.
VB525166	
3. Do you use a computer to practice or drill on math?	5. Do you use a computer to make charts or graphs for math?
Yes	♠ Yes
® No	® No
VB525172	VB525170
4. Do you use a computer to play math games?	6. Do you use the Internet to learn things about math?
Yes	♠ Yes
® No	® No

L1MB1

VB525173 VC497182

- 7. How often do you use a calculator?
 - Never or hardly ever
 - ® Once in a while
 - Almost every day

- 8. When you take a math test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - O Always

VF017602

- 9. How often do you receive help or tutoring with math outside of school or after school?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

- 10. How often do you feel your math classwork is too hard?
 - A Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497186

- 11. How often do you feel your math classwork is too easy?
 - Never or hardly ever
 - Sometimes
 - © Often
 - Always or almost always

VC497557

- 12. How often do you like what you do in class for math?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

13. How often do you feel you can do a good job on your math assignments?

- Never or hardly ever
- Sometimes
- Often
- Always or almost always

VC497758

14. How often do you feel you can do a good job on your math tests?

- Never or hardly ever
- Sometimes
- Often
- Always or almost always

VC497562

15. How often do you feel you like math?

- Never or hardly ever
- Sometimes
- © Often
- Always or almost always

VC497563

16. How often do you feel math is one of your favorite subjects?

- Never or hardly ever
- Sometimes
- © Often
- Always or almost always

VB595182

17. How hard was this test compared to most other tests you have taken this year in school?

- Easier than other tests
- About as hard as other tests
- Harder than other tests
- Much harder than other tests

- 18. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 19. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important



Page 4



This section has 22 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

	V D3Z310Z	VC49/143
1. How often do you use a compute math at school?		Do you use a computer for math homework at home?
Never or hardly ever		Yes
® Once every few weeks		® No
About once a week		
① Two or three times a week		
© Every day or almost every of	lay	
Questions 3–22. For the following math. Include things you do at hon		
	VB525166	VB525168
3. Do you use a computer to pract drill on math?		Do you use a computer to make charts or graphs for math?
Yes		Yes
® No		® No
	VB525172	VB525170
4. Do you use a computer to play games?		Do you use the Internet to learn things about math?
Yes		Yes
® No		® No

VB525173 VC497182

classwork is too hard?

Never or hardly ever

10. How often do you feel your math

- 7. How often do you **use a calculator**?
 - Never or hardly ever
 - ® Once in a while
 - Almost every day

® Sometimes

- © Often
- Always or almost always

VB517158

- 8. When you take a math test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - O Always

VF017602

- 9. How often do you receive help or tutoring with math outside of school or after school?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - © Every day or almost every day

- 11. How often do you feel your math classwork is too easy?
 - Never or hardly ever
 - Sometimes
 - © Often
 - Always or almost always

VC497557

VC497186

- 12. How often do you like what you do in class for math?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

- 13. How often do you feel you can do a good job on your math assignments?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497758

- 14. How often do you feel you can do a good job on your math tests?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497562

- 15. How often do you feel you like math?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VC497563

- 16. How often do you feel math is one of your favorite subjects?
 - Never or hardly ever
 - Sometimes
 - Often
 - Always or almost always

VB595182

- 17. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

VE453868

VE453870

- 18. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

O V . . V . . 1

A Yes

® No

21. Did you answer all of the math questions?

20. Did you know before today that you

would be taking this test?

® No \rightarrow Please answer the next question.

VB595184

- 19. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important

VE453875

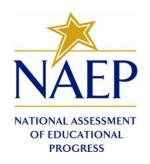
- 22. Why did you leave one or more of the math questions blank? Fill in **one or more** ovals.
 - I did not have enough time.
 - I do not know how to use a calculator.
 - © I am not used to writing out my answers.
 - The questions were too hard.



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 1 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1b Student Grade 8



Part 1b contains Student Grade 8:

Core Questions Reading Questions Mathematics Questions Mathematics (KaSA) Questions

The amount of time estimated to complete these forms: Core - 5 minutes Subject-specific - 10 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student Questionnaire Cover Page

Paperwork Burden Statement

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A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every NCES employee as well as every agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of up to \$250,000, or both if he or she willfully discloses ANY identifiable information about you.

OMB No. 1850-0790 APPROVAL EXPIRES 03/31/2016

¹ Note: 75 minutes is total for assessment (cognitive and survey), for Wave 1 paper-and-pencil administrations (Reading, Math, Math KaSA). Applicable survey question time is listed on part covers.

Student Grade 8 Core Questions

The amount of time estimated to complete this form is 5 minutes.

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - [®] 6−10
 - © 11–15
 - © 16-20
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

- 9. How far in school did your mother go?
 - She did not finish high school.
 - She graduated from high school.
 - © She had some education after high school.
 - She graduated from college.
 - © I don't know.

VB330871

- 10. How far in school did your father go?
 - He did not finish high school.
 - B He graduated from high school.
 - © He had some education after high school.
 - He graduated from college.
 - © I don't know.

VB331451

- 11. How often do people in your home talk to each other in a language other than English?
 - Never
 - Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 12. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - ® Stepmother
 - © Foster mother or other female legal guardian
 - Tather
 - Stepfather
 - © Foster father or other male legal guardian

VE102537

13. Write the ZIP code of your home address in the boxes.

1 1	1 1	
1 1	1 1	
1 1	1 1	

Student Grade 8 Reading				
Student Grade 8 Reading Questions				

The amount of time estimated to complete this form is 10 minutes.

This section has 13 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB345622

1. Please indicate how much you DISAGREE or AGREE with the following statements about reading and writing. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. When I read books, I learn a lot.	(A)	B	©	(D)	VB345623
b. Reading is one of my favorite activities.	lack	B	©	(D)	VB345624
c. Reading is enjoyable.	(A)	$^{ ext{ $	0	•	VE633189

VB379288

2. How often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every day
a. Read for fun on your own time	A	B	©	© VB379289
b. Talk with your friends or family about something you have read	(A)	B	©	D VB379290

VB345644

3. Now think about reading and writing you do for school. For your **English** class this year, how often do you do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	A few times a year	Once or twice a month	At least once a week
a. Have a class discussion about something that the whole class has read	A	®	©	© VB345645
b. Work in pairs or small groups to talk about something that you have read	A	®	©	VB345646

L2RB1

Page 1

Section 4

VB345648

4. For your **English** class so far this year, how many times have you done each of the following? Fill in **one** oval on each line.

	Never	Once	2 or 3 times	4 or 5 times	6 or more times	
a. Made a presentation to the class about something that you have read	(A)	B	©	(Ē	VB345650
b. Done a project about something that you have read (for example, written a play, created a website)	(A)	B	©	•	Ē	VB345651
c. Conducted research for reading and writing projects	A	B	0	•	Œ	VF009263

VF174671 VB345715

- 5. How often do you receive help or tutoring with English/language arts outside of school or after school?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

- 6. For school this year, how often have you been asked to write long answers to questions on tests or assignments that involved reading?
 - Never
 - ® Once or twice this year
 - Once or twice a month
 - At least once a week

7. In your English/language arts class this year, how often does your class do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Read aloud	A	®	©	(D)	VC504014
b. Read silently	(A)	B	©	(D)	VC504015
c. Discuss new or difficult vocabulary	A	B	©	(D)	VC504016
d. Explain what we have read	(A)	B	©	(D)	VC504017
e. Read books we have chosen ourselves	A	B	©	(D)	VC504019
f. Write a paragraph or more about what we have read	A	B	©	•	VE589602

Section 4

VF009272

8. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	I don't know.	
a. Evaluate the main arguments or evidence in a persuasive passage	(A)	B	©	•	VF009274
b. Analyze the author's organization of information in a passage	(A)	B	©	•	VF009276
c. Critique the author's craft or technique	(A)	B	©	(D)	VF009279

VC504022

9. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Summarize the passage	lack	B	©	(D)	VC504023
b. Interpret the meaning of the passage	lack	B	©	(D)	VC504024
c. Question the motives or feelings of the characters	A	®	0	•	VC504025
d. Identify the main themes or main ideas of the passage	(A)	B	©	0	VE589611

10. In your English/language arts class this year, how often do you use a computer to do each of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	or almost every day	
a. Learn and practice vocabulary	(A)	B	©	•	VC504028
b. Practice spelling and grammar	(A)	B	©	•	VC504029
c. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	A	B	©	•	VC504033
d. Conduct research for reading and writing projects	A	®	©	0	VC504034
e. Read books or articles using a computer or other digital technology	A	₿	©	0	VH075681

VB595182

VC034559

- 11. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

- 12. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

Section 4

VB595184

- 13. How important was it to you to do well on this test?
 - A Not very important
 - ® Somewhat important
 - © Important
 - O Very important



Student Grade 8 Mathematics						
Student Grade 8 Mathematics Questions						

The amount of time estimated to complete this form is 10 minutes.

This section has 15 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB543277

- 2. What math class do you expect to take next year?
 - **(A)** Geometry
 - Algebra II
 - © Algebra I (one-year course)
 - First year of a two-year Algebra I course
 - © Second year of a two-year Algebra I course
 - Introduction to algebra or pre-algebra
 - © Basic or general math
 - Integrated or sequential math
 - Business or consumer math
 - Other math class
 - © I don't know.

Geometry

year?

- Algebra II
- Algebra I (one-year course)

1. What math class are you taking this

- First year of a two-year Algebra I course
- © Second year of a two-year Algebra I course
- Introduction to algebra or pre-algebra
- © Basic or general eighth-grade math
- (B) Integrated or sequential math
- Other math class

Section 4

VC497572

3. How often do you feel the following way in your math class? Fill in **one** oval on each line.

	Never or hardly ever	Sometimes	Often	Always or almost always	
a. I have a clear understanding of what my math teacher is asking me to do.	A	$^{ ext{ B}}$	0	•	VC497573
b. The math work is too easy.	lack	®	©	•	VC497574
c. The math work is challenging.	lack	®	©	•	VC497575
d. The math work is engaging and interesting.	A	₿	0	•	VC497576
e. I am learning.	A	®	©	(D)	VC497577

VC189706

4. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. Because math is fun, I wouldn't want to give it up.	A	®	©	•	VC189707
b. I like math.	lack	®	©	(D)	VC189710
c. Math is one of my favorite subjects.	A	B	0	(VC189711

5. How often do you use these different types of calculators in your math class?

	Never use	Sometimes, but not often	Usually use	
a. Basic four-function (addition, subtraction, multiplication, division)	(A)	®	©	VB517160
b. Scientific (not graphing)	A	$^{ ext{ B}}$	©	VB517161
c. Graphing	A	$^{ ext{ B}}$	©	VB517282

VB517158

- 6. When you take a math test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - Always

7. For each of the following activities, how often do you use a calculator? Fill in one oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. To check your work on math homework assignments	A	®	©	•	(E)	VB543270
b. To calculate the answers to math homework problems	A	®	©	•	(E)	VB543271
c. To work in class on math lessons led by your teacher	(A)	®	©	0	(E)	VB543272

- 8. What kind of calculator do you usually use when you are not in math class?
 - None
 - ® Basic four-function (addition, subtraction, multiplication, division)
 - © Scientific (not graphing)
 - Graphing

- 9. How often do you use a computer for math at school?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

10. When you are doing math for school or homework, how often do you use these **different types of computer programs**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every da or almo every da	st
a. A spreadsheet program for math class assignments	A	®	©	0	(E)	VB543157
b. A program to practice or drill on math facts (addition, subtraction, multiplication, division)	(4)	B	©	0	Ē	VB543158
c. A program that presents new math lessons with problems to solve	(A)	B	©	•	Ē	VB543160
d. The Internet to learn things for math class	A	$^{ ext{ B}}$	©	0	(E)	VB543159
e. A calculator program on the computer to solve or check problems for math class	(A)	B	©	•	Ē	VB543161
f. A graphing program on the computer to make charts or graphs for math class	(A)	B	©	•	Ē	VB543262
g. A statistical program to calculate patterns such as correlations or cross tabulations	(A)	B	©	•	Ē	VB517157
h. A word processing program to write papers for math class	(A)	B	©	0	Œ	VB543156
i. A program to work with geometric shapes for math class	A	®	0	•	(E)	VC466133

Section 4

VC189613

11. How often do you use e-mail, instant messages, blogs, or text messages to do any of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Talk online with friends about math work	(A)	®	©	•	Œ	VC299268
b. Get help with math from someone other than your teacher, family, classmates, or friends	A	®	©	•	(E)	VC189627

VF017602

VC034559

- 12. How often do you receive help or tutoring with math outside of school or after school?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - D Every day or almost every day

- 14. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595182

- 13. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

VB595184

- 15. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - Very important



L2MB1 Page 6



This section has 18 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB543277

- 2. What math class do you expect to take next year?
 - **©** Geometry
 - Algebra II
 - Algebra I (one-year course)
 - Tirst year of a two-year Algebra I course
 - © Second year of a two-year Algebra I course
 - Introduction to algebra or pre-algebra
 - © Basic or general math
 - (B) Integrated or sequential math
 - Business or consumer math
 - Other math class
 - © I don't know.

Geometry

year?

- Algebra II
- Algebra I (one-year course)

1. What math class are you taking this

- First year of a two-year Algebra I course
- © Second year of a two-year Algebra I course
- Introduction to algebra or pre-algebra
- © Basic or general eighth-grade math
- (B) Integrated or sequential math
- Other math class

Section 4

VC497572

3. How often do you feel the following way in your math class? Fill in **one** oval on each line.

	Never or hardly ever	Sometimes	Often	Always or almost always	
a. I have a clear understanding of what my math teacher is asking me to do.	A	$^{ ext{ B}}$	0	•	VC497573
b. The math work is too easy.	lack	®	©	•	VC497574
c. The math work is challenging.	\triangle	®	©	•	VC497575
d. The math work is engaging and interesting.	A	₿	0	•	VC497576
e. I am learning.	A	®	©	(D)	VC497577

4. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. Because math is fun, I wouldn't want to give it up.	(A)	B	©	•	VC189707
b. I like math.	A	B	©	•	VC189710
c. Math is one of my favorite subjects.	(A)	®	0	(VC189711

5. How often do you use these different types of calculators in your math class?

	Never use	Sometimes, but not often	Usually use	
a. Basic four-function (addition, subtraction, multiplication, division)	(A)	®	©	VB517160
b. Scientific (not graphing)	A	$^{ ext{ B}}$	©	VB517161
c. Graphing	A	$^{ ext{ B}}$	©	VB517282

VB517158

- 6. When you take a math test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - Always

7. For each of the following activities, how often do you use a **calculator**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. To check your work on math homework assignments	A	®	©	•	Ē	VB543270
b. To calculate the answers to math homework problems	(A)	®	0	•	Ē	VB543271
c. To work in class on math lessons led by your teacher	(A)	®	©	0	Ē	VB543272

VB543267

B525162

- 8. What kind of **calculator** do you usually use when you are **not in math class**?
 - A None
 - Basic four-function (addition, subtraction, multiplication, division)
 - © Scientific (not graphing)
 - Graphing

- 9. How often do you use a computer for math at school?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day or almost every day

10. When you are doing math for school or homework, how often do you use these **different types of computer programs**? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every da or almo every da	st
a. A spreadsheet program for math class assignments	A	B	©	0	(E)	VB543157
b. A program to practice or drill on math facts (addition, subtraction, multiplication, division)	(A)	B	©	•	Ē	VB543158
c. A program that presents new math lessons with problems to solve	(A)	B	©	•	(E)	VB543160
d. The Internet to learn things for math class	A	®	©	•	Œ	VB543159
e. A calculator program on the computer to solve or check problems for math class	(A)	B	©	•	(E)	VB543161
f. A graphing program on the computer to make charts or graphs for math class	(A)	B	©	•	©	VB543262
g. A statistical program to calculate patterns such as correlations or cross tabulations	A	B	©	•	(E)	VB517157
h. A word processing program to write papers for math class	(A)	B	©	0	Œ	VB543156
i. A program to work with geometric shapes for math class	A	B	©	•	(E)	VC466133

11. How often do you use e-mail, instant messages, blogs, or text messages to do any of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Talk online with friends about math work	(A)	®	©	•	(E)	VC299268
b. Get help with math from someone other than your teacher, family, classmates, or friends	A	®	©	•	(E)	VC189627

VF017602

VC034559

- 12. How often do you receive help or tutoring with math outside of school or after school?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

- 14. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595182

- 13. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

VB595184

- 15. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - O Very important

Page 6

GO ON TO THE NEXT PAGE

VE453868

- 16. Did you know before today that you would be taking this test?
 - A Yes
 - ® No

VE453870

- 17. Did you answer all of the math questions?
 - **(A)** Yes → You have finished. Thank you for your time.
 - No → Please answer the next question.

VE453875

- 18. Why did you leave one or more of the math questions blank? Fill in **one or more** ovals.
 - I did not have enough time.
 - I do not know how to use a calculator.
 - O I am not used to writing out my answers.
 - The questions were too hard.



NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Wave 1 Submittal for 2015 VOLUME II SURVEY QUESTIONS

Part 1c Student Grade 12



Part 1c contains Student Grade 12:

Core Questions Reading Questions Mathematics Questions

The amount of time estimated to complete these forms: Core - 5 minutes Subject-specific – 10 minutes

STUDENT QUESTIONNAIRES

OMB Information on Student Questionnaire Cover Page

Paperwork Burden Statement

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this voluntary information collection is 1850–0790. The time required to complete this information collection is estimated to average xx¹ minutes, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving this collection, or any comments or concerns regarding the status of your individual submission of this form, please write to: National Assessment of Educational Progress, National Center for Education Statistics, 1990 K Street, NW, Washington, DC 20006.

A project of the National Center for Education Statistics (NCES), Institute of Education Sciences, U.S. Department of Education.

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws, your responses will be kept confidential and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every NCES employee as well as every agent, such as contractors and NAEP coordinators, has taken an oath and is subject to a jail term of up to 5 years, a fine of up to \$250,000, or both if he or she willfully discloses ANY identifiable information about you.

OMB No. 1850-0790 APPROVAL EXPIRES 03/31/2016

¹ Note: 75 minutes is total for assessment (cognitive and survey), for Wave 1 paper-and-pencil administrations (Reading, Math). Applicable survey question time is listed on part covers.

Student Grade 12 Core						

Student Grade 12 Core Questions

The amount of time estimated to complete this form is 5 minutes.

In this section, please tell us about yourself and your family. Please answer questions about your home based on where you live most of the time during the school year. The section has 15 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VB331330

- 1. Are you Hispanic or Latino? Fill in **one or more ovals**.
 - No, I am not Hispanic or Latino.
 - Yes, I am Mexican, Mexican American, or Chicano.
 - Yes, I am Puerto Rican or Puerto Rican American.
 - Yes, I am Cuban or Cuban American.
 - © Yes, I am from some other Hispanic or Latino background.

VB331331

- 2. Which of the following best describes you? Fill in **one or more ovals**.
 - White
 - Black or African American
 - © Asian

 - © Native Hawaiian or other Pacific Islander

- 3. About how many books are there in your home?
 - **⚠** Few (0–10)
 - ® Enough to fill one shelf (11–25)
 - © Enough to fill one bookcase (26–100)
 - © Enough to fill several bookcases (more than 100)

VB331336

- 4. Is there a computer at home that you use?
 - A Yes
 - ® No

VF098664

- 5. Do you have the following in your home? Fill in ovals for **all** that apply.
 - Access to the Internet
 - Clothes dryer just for your family
 - © Dishwasher
 - More than one bathroom
 - Your own bedroom

TB001101

- 6. About how many pages a day do you have to read in school and for homework?
 - ♠ 5 or fewer
 - [®] 6−10
 - © 11–15
 - **16-20**
 - © More than 20

VB331339

- 7. How often do you talk about things you have studied in school with someone in your family?
 - Never or hardly ever
 - ® Once every few weeks
 - About once a week
 - Two or three times a week
 - © Every day

VB331447

- 8. How many days were you absent from school in the last month?
 - None
 - ® 1 or 2 days
 - © 3 or 4 days
 - ① 5 to 10 days
 - More than 10 days

- 9. How far in school did your mother go?
 - She did not finish high school.
 - She graduated from high school.
 - She had some education after high school.
 - She graduated from college.
 - © I don't know.

VB330871

- 10. How far in school did your father go?
 - He did not finish high school.
 - He graduated from high school.
 - © He had some education after high school.
 - He graduated from college.
 - © I don't know.

VB331451

- 11. How often do people in your home talk to each other in a language other than English?
 - A Never
 - Once in a while
 - About half of the time
 - All or most of the time

VF095730

- 12. Do the following people live in your home? Fill in ovals for **all** that apply.
 - Mother
 - ® Stepmother
 - © Foster mother or other female legal guardian
 - Tather
 - Stepfather
 - © Foster father or other male legal guardian

VF291224

- 13. During this school year, which of the following have you done? Fill in ovals for **all** that apply.
 - Taken the SAT or ACT College **Entrance Exams**
 - ® Submitted the Free Application for Federal Student Aid (FAFSA)
 - Applied to a 2-year college
 - Been accepted to a 2-year college
 - © Applied to a 4-year college
 - © Been accepted to a 4-year college
 - © Applied to a certificate or diploma program at a school that provides occupational training (such as electrician, beautician, mechanic, computer programmer, etc.)
 - Been accepted to a technical training program
 - Talked with a military recruiter
 - Enlisted in the military
 - © Applied for a full-time job
 - Been interviewed for a full-time job
 - None of the above

HE002549

- 14. Which of the following best describes your high school program?
 - General
 - Academic or college preparatory
 - O Vocational or technical

VE102537

15. Write the ZIP	code of your	home address
in the boxes.	•	



Student Grade 12 Reading						

Student Grade 12 Reading Questions

The amount of time estimated to complete this form is 10 minutes.

Part 1c - Page 8 of 21

This section has 13 questions. Mark your answers in your booklet. Fill in only one oval for each question except where instructed otherwise.

VB345622

1.	Please indicate how much you DISAGREE or AGREE with the following statements
	about reading and writing. Fill in one oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree
a. When I read books, I learn a lot.	(A)	B	©	D VB345623
b. Reading is one of my favorite activities.	A	®	©	○ VB345624
c. Reading is enjoyable.	(A)	(B)	0	© VE633189

VB379288

2. How often do you do each of the following? Fill in one oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Almost every day
a. Read for fun on your own time	(A)	B	©	© VB379289
 Talk with your friends or family about something you have read 	(A)	B	0	© VB379290

VB345648

3. For your **English** class so far this year, how many times have you done each of the following? Fill in **one** oval on each line.

	Never	Once	2 or 3 times	4 or 5 times	6 or more times
a. Made a presentation to the class about something that you have read	(A)	®	©	①	© VB345650
b. Done a project about something that you have read (for example, written a play, created a website)	(A)	®	©	0	E VB345651

J3RB1

Page 1

GO ON TO THE NEXT PAGE

VE63487	7

- 4. How often do you receive help or tutoring with reading outside of your regular English/language arts class?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

5. In your English/language arts class this year, how often does your class do each of the following? Fill in one oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Read aloud	(A)	®	©	0	VC504014
b. Read silently	(A)	®	0	(VC504015
c. Discuss new or difficult vocabulary	A	®	©	0	VC504016
d. Explain what we have read	A	®	©	(VC504017
e. Work in pairs or small groups to talk about something that we have read	A	®	©	0	VE589600
f. Read books we have chosen ourselves	A	®	©	(D)	VC504019
g. Write a paragraph or more about what we have read	A	®	©	(1)	VE589602
h. Discuss different interpretations of what we have read	A	B	©	•	VC504021

6. In your English/language arts class this year, when reading a story, article, or other passage, how often does your teacher ask you to do the following? Fill in one oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Summarize the passage	A	®	©	①	VC504023
b. Interpret the meaning of the passage	(A)	₿	©	①	VC504024
c. Question the motives or feelings of the characters	A	(3)	0	(D)	VC504025
d. Identify the main themes or main ideas of the passage	A	®	0	0	VE589611
e. Evaluate the main arguments or evidence in a persuasive passage	A	®	0	(1)	VE589612
f. Analyze the author's organization of information in a passage	A	$^{ ext{ ext{ ext{ ext{ ext{ ext{ ext{ ext$	0	(D)	VE589613
g. Critique the author's craft or technique	(A)	®	©	①	VE607938

7. In your English/language arts class this year, how often do you use a computer to do each of the following? Fill in one oval on each line.

	Never or hardly ever	Once or twice a month	Once or twice a week	Every day or almost every day	
a. Learn and practice vocabulary	A	B	0	(VC504028
b. Write fictional stories	(A)	lacktrightarrow	0	①	VE589642
c. Write informational reports	A	®	©	(VE589649
d. Produce multimedia reports/projects	A	®	©	(VC504031
e. Access reading-related websites (for example, websites with book reviews and lists of recommended books)	A	®	©	(VC504033
f. Conduct research for reading and writing projects	(A)	®	©	①	VC504034
g. Read books or articles using a digital media device, such as an e-book reader or tablet computer	(A)	(B)	©	0	VE589651

VE626880

- 8. Are you currently enrolled in or have you taken an Advanced Placement (AP®) course in English/language arts? Fill in ovals for all that apply.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) English Language and Composition.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) English Literature and Composition.
 - No, I have never taken an Advanced Placement (AP) English/language arts course.

VE589658

- 9. Are you currently enrolled in or have you taken the International Baccalaureate® (IB) Language A1 course?
 - A Yes

® No

VC293008

- 10. Are you currently enrolled in or have you taken any online English/language arts courses for high school or college credit?
 - **(A)** Yes
 - ® No

VB595182

- 11. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - O Harder than other tests
 - Much harder than other tests

VC034559

- 12. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - O Harder than on other tests
 - Much harder than on other tests

VB595184

- 13. How important was it to you to do well on this test?
 - Not very important
 - Somewhat important
 - © Important
 - Very important

Student Grade 12 Mathematics						
Student Grade 12 Mathematics Questions						

The amount of time estimated to complete this form is 10 minutes.

This section has 18 questions. Mark your answers in your booklet. Fill in only **one** oval for each question except where instructed otherwise.

VC298762

1. Which courses have you taken from eighth grade to the present? If you have taken a course more than once, give the **most recent** year you took it. Fill in **one** oval on each line. INCLUDE courses taken in summer school, but DO NOT INCLUDE topics that were only taught as part of a longer course (such as trigonometry taught in drafting class or computer programming taught in Algebra II).

taugit iii Migebia ii).	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I took this course in Grade 12.
a. Basic or general mathematic course		®	©	©	(E)	© VC298769
b. Tech-prep mathematics, business mathematics, consumer mathematics, or other applied mathematics course		(3)	©	•	(E)	© VC298847
c. Introduction to algebra or pre-algebra course	(A)	®	©	•	Œ	© VC299007
d. Algebra I course	A	$^{ ext{ $	©	•	Ē	© VC299008
e. Geometry course	A	$^{ ext{ $	©	(D)	Œ	© VC299009
f. Algebra II course, with or without trigonometry	A	$^{ ext{ B}}$	©	•	Ē	© VC299010
g. Trigonometry (as a separate course)	e 🖎	®	©	•	Œ	© VC299012
h. Pre-calculus course (also called introductory analysis	(as)	®	©	•	Ē	© VE593389
i. Integrated mathematics 1 (first year of a multi-year course)	A	$^{ ext{ B}}$	©	•	Ē	▼ VF269035
j. Integrated mathematics 2 (second year of a multi-year course)	(A)	®	©	0	Ē	© VF269036

	I have never taken this course.	I took this course in or before Grade 8.	I took this course in Grade 9.	I took this course in Grade 10.	I took this course in Grade 11.	I took this course in Grade 12.
k. Integrated mathematics 3 (third year of a multi-year course)	(A)	B	©	•	Œ	© VF269037
l. Integrated mathematics 4 (fourth year of a multi-year course)	(A)	B	©	•	Ē	F VF269038
m. Probability or statistics cours	e 🖎	®	0	•	Œ	© VC299032
n. Calculus course	(A)	®	0	•	Œ	© VC299033
o. Computer programming course (such as C++, Visual Basic, etc.)	(A)	B	0	•	Ē	© VE593398
p. Other mathematics course (specify):	(A)—	®	©	0	Ē	© VE593395

VE593403

- 2. Are you currently enrolled in or have you taken any of the following Advanced Placement (AP®) courses? Fill in ovals for **all** that apply.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus AB.
 - Yes, I am enrolled in or have taken Advanced Placement (AP) Calculus BC.
 - © Yes, I am enrolled in or have taken Advanced Placement (AP) Statistics.
 - No, I have not taken any of the courses listed above.

VE593756

- 3. Are you currently enrolled in or have you taken an International Baccalaureate® (IB) mathematics course?
 - A Yes

No

VB543297

- 4. Are you currently enrolled in or have you taken any online mathematics courses for high school or college credit?
 - A Yes
 - ® No

VC288225

- 5. Was there a mathematics course that you would have liked to have taken this school year but did not take?
 - A Yes, but my school does not offer the course.
 - Yes, but the course was full.
 - Yes, but I did not have the necessary prerequisites.
 - Tes, but my schedule was full.
 - © No, there was no other course that I wanted to take.

6. Please indicate how much you DISAGREE or AGREE with the following statements. Fill in **one** oval on each line.

	Strongly disagree	Disagree	Agree	Strongly agree	
a. Mathematics is one of my favorite subjects.	A	®	©	•	VC189711
b. I take mathematics because it will help me in the future.	A	®	0	•	VC189713
c. I take mathematics to meet my high school graduation requirements.	(A)	B	0	•	VE634987

VB517284 VE634875

- 7. Are you currently taking a mathematics course?
 - igotimes Yes \rightarrow Go to Question 8.
 - **®** No → *Skip to Question 15.*

- 8. How often do you receive help or tutoring with mathematics outside of your regular mathematics class?
 - Never or hardly ever
 - ® Once or twice a month
 - Once or twice a week
 - Every day or almost every day

VC497572

Always

9. How often do you feel the following way in your mathematics class? Fill in **one** oval on each line.

Never

	or hardly ever	Sometimes	Often	or almost always	
a. I have a clear understanding of what my mathematics teacher is asking me to do.	(A)	B	0	•	VC497573
b. The mathematics work is too easy.	lack	®	©	•	VC497574
c. The mathematics work is challenging.	(A)	®	©	•	VC497575
d. The mathematics work is engaging and interesting.	(A)	®	©	•	VC497576
e. I am learning mathematics.	A	®	©	•	VE593449

10. How often do you use these different types of calculators in your mathematics class? Fill in **one** oval on each line.

	Never Use	Sometimes, but not often	Usually use	VB517160
a. Basic four-function (addition, subtraction, multiplication, division)	A	®	©	
b. Scientific (not graphing)	A	$^{ ext{ B}}$	0	VB517161
c. Graphing	lack	®	©	VB517282

VE593461

11. How often do you use a calculator to perform the following tasks for the mathematics course you are currently taking? Fill in **one** oval on each line.

	Never or hardly ever	Sometimes	Often	Always or almost always	
a. To perform basic numeric operations	(A)	®	©	•	VE593464
b. To graph equations or inequalities	(A)	₿	©	•	VE593465
c. To evaluate functions (e.g., exponential, logarithmic, trigonometric)	A	®	©	•	VE593466
d. To calculate probabilities or statistical measures	(A)	₿	0	(D)	VE593467
e. To create statistical representations (charts and graphs, etc.)	(A)	₿	0	•	VE593469
f. To use a computer algebra system (CAS)	(A)	₿	0	•	VE593471
g. To perform matrix operations	(A)	$^{ ext{ B}}$	©	•	VE593472
h. To perform business/financial calculations	(A)	₿	0	(D)	VE593473
i. To explore geometric concepts	(A)	®	©	(VE593474

- 12. When you take a mathematics test or quiz, how often do you use a calculator?
 - Never
 - Sometimes
 - O Always

13. When you are doing mathematics for school or homework, how often do you use these **different types of computer programs?** Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. A spreadsheet program	(A)	®	0	(D)	Œ	VF094885
b. A database program	A	®	©	(D)	Ē	VF094889
c. A mathematics tutorial program	(A)	₿	©	•	(E)	VE593747
d. A graphing program	A	®	0	(D)	Ē	VE593748
e. A statistical program	A	®	0	(D)	Ē	VE593749
f. A dynamic geometry program	(A)	®	©	•	Ē	VE593753
g. A computer algebra system (CAS)	A	®	0	•	Ē	VE593754

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14. How often do you use e-mail, instant messages, blogs, or text messages to do any of the following? Fill in **one** oval on each line.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day or almost every day	
a. Talk online with friends about mathematics work	(A)	®	0	•	(E)	VC299268
b. Get help with mathematics from someone other than your teacher, family, classmates, or friends	A	(B)	©	(D)	(E)	VC189627

VE593425

VC034559

- 15. What kind of calculator did you use for this test?
 - A I did not use a calculator for this test.
 - ® NAEP-provided scientific calculator
 - © Scientific (not graphing) calculator
 - Graphing calculator (with or without a computer algebra system [CAS])

VB595182

- 16. How hard was this test compared to most other tests you have taken this year in school?
 - Easier than other tests
 - About as hard as other tests
 - Harder than other tests
 - Much harder than other tests

- 17. How hard did you try on this test compared to how hard you tried on most other tests you have taken this year in school?
 - Not as hard as on other tests
 - About as hard as on other tests
 - Harder than on other tests
 - Much harder than on other tests

VB595184

- 18. How important was it to you to do well on this test?
 - A Not very important
 - Somewhat important
 - Important
 - O Very important

