NAEP

NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Mathematics
Student Questionnaire

2019
Grade 4

VH260313

1. How easy or difficult was this test?

Ⓐ Extremely difficult

Ⓑ Quite difficult

Ⓒ Somewhat difficult

Ⓓ Somewhat easy

Ⓔ Quite easy

Ⓕ Extremely easy

VH333658

2. How much effort did you apply to succeed on this test?

Ⓐ No effort at all

Ⓑ Very little effort

Ⓒ Some effort

Ⓓ Quite a bit of effort

Ⓔ A lot of effort

VH240387

3. Are you Hispanic or Latino? Select **one or more** answer choices.

Ⓐ 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.

VH240388

4. Which of the following best describes you? Select **one or more** answer choices.

Ⓐ White

Ⓑ Black or African American

Ⓒ Asian

Ⓓ American Indian or Alaska Native

Ⓔ Native Hawaiian or other Pacific Islander

VH240186

5. 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)

VH271104

6. Do you have any of the following in your home? Select **one** answer choice on each row.

	Yes	No	
a. Access to the Internet	Ⓐ	Ⓑ	VH271105
b. Your own bedroom	Ⓐ	Ⓑ	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	Ⓐ	Ⓑ	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	Ⓐ	Ⓑ	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	Ⓐ	Ⓑ	VH271112

VH354591

7. How often do you use the Internet for homework at home?

Ⓐ Never

Ⓑ About once or twice a month

Ⓒ About once or twice a week

Ⓓ Almost every day

Ⓔ Every day

VH240190

8. How many days were you absent from school in the last month?

Ⓐ None

Ⓑ 1 or 2 days

Ⓒ 3 or 4 days

Ⓓ 5 to 10 days

Ⓔ More than 10 days

VH240189

9. 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

VH271144

10. Do any of the following people live in your home? Select **one** answer choice on each row.

	Yes	**No**	
a. Mother	Ⓐ	Ⓑ	VH271145
b. Stepmother	Ⓐ	Ⓑ	VH271146
c. Foster mother or other female legal guardian	Ⓐ	Ⓑ	VH271147
d. Father	Ⓐ	Ⓑ	VH271148
e. Stepfather	Ⓐ	Ⓑ	VH271149
f. Foster father or other male legal guardian	Ⓐ	Ⓑ	VH271150

VH591969

11. In this school year, how often did you use a **laptop or desktop computer** (including Chromebooks) during your classes at school?

Ⓐ Never

Ⓑ In some classes

Ⓒ In about half of the classes

Ⓓ In more than half of the classes

Ⓔ In all or almost all classes

VH271276

12. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad, Kindle Fire) during your classes at school?

Ⓐ Never

Ⓑ In some classes

Ⓒ In about half of the classes

Ⓓ In more than half of the classes

Ⓔ In all or almost all classes

VH733141

13. How much does each of the following statements describe you? Select **one** answer choice on each row.[1]

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me	
a. I finish whatever I begin.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733142
b. I try very hard even after making mistakes.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733143
c. I keep working hard even when I feel like quitting.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733145
d. I keep trying to improve myself, even when it takes a long time to get there.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733144

[1] Items 13a-13d are used to create the Students' Persistence in Learning index (NAEPID for index: SQCATM4; NAEPIDs for index items: B034901, B034902, B034903, B034904).

VH733149

14. How much does each of the following statements describe you? Select **one** answer choice on each row.[2]

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Very much like me	
a. I like complex problems more than easy problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733150
b. I like activities that challenge my thinking abilities.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733151
c. I enjoy situations where I will have to think about something.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733155
d. I enjoy thinking about new solutions to problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH733154

VH271367

15. In this school year, how often have you done each of the following? Select **one** answer choice on each row.[3]

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I started working on assignments right away rather than waiting until the last minute.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271370
b. I paid attention and resisted distractions.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271372
c. I stayed on task without reminders from my teacher.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271374
d. I paid attention in class even when I was not interested.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271375

2. Items 14a-14d are used to create the Students' Enjoyment of Complex Problems index (NAEPID for index: SQCATM6; NAEPIDs for index items: B035101, B035102, B035103, B035104).
3. Items 15a-15d are used to create the Students' Academic Self-Discipline index (NAEPID for index: SQCATM5; NAEPIDs for index items: B035001, B035002, B035003, B035004).

VH271934

16. In this school year, how often have you felt any of the following ways about your school? Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. I felt awkward and out of place at school.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271942
b. I felt happy at school.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH271944
c. I felt that I learned something that I can use in my daily life.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH336903

VH350115

17. For school this year, how often have you been asked to write long answers (several sentences or paragraphs) to questions on tests or assignments that involved math?

Ⓐ Never

Ⓑ Once

Ⓒ Two or three times

Ⓓ Four or five times

Ⓔ More than five times

VH267415

18. This school year, how often did the following things happen in your math class? Select **one** answer choice on each row.

	Never or hardly ever	Less than half of the time	About half of the time	More than half of the time	All or almost all of the time	
a. My teacher used computers or other digital devices when teaching math to my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH588077
b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267419

VH336231

19. How often do you **use a calculator**?

Ⓐ Never

Ⓑ About once or twice a year

Ⓒ About once or twice a month

Ⓓ About once or twice a week

Ⓔ Every day or almost every day

VH268936

20. How often do you use math in everyday life **outside of school**?

Ⓐ Never

Ⓑ About once or twice a year

Ⓒ About once or twice a month

Ⓓ About once or twice a week

Ⓔ Every day or almost every day

VH268945

21. How often do you participate in each of the following activities **outside of school**? Select **one** answer choice on each row.

	Never	**About once or twice a year**	**About once or twice a month**	**About once or twice a week**	**Every day or almost every day**	
a. Talk about math problems with your friends	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH268946
b. Play an instrument and read music	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH268961
c. Go to websites for help with your math homework	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH268962

VH336233

22. How often do you receive help or tutoring with math **outside of school or after school**?

Ⓐ Never

Ⓑ About once or twice a year

Ⓒ About once or twice a month

Ⓓ About once or twice a week

Ⓔ Every day or almost every day

VH460329

23. How often do you play digital games (for example, apps, video games, or computer games) **outside of school** that involve math?

Ⓐ Never

Ⓑ About once or twice a year

Ⓒ About once or twice a month

Ⓓ About once or twice a week

Ⓔ Every day or almost every day

VH336085

24. Have you ever helped your friends with their math homework?

Ⓐ Yes

Ⓑ No

VH269037

25. Over the past seven days, how many days have you helped your friends with their math homework? Enter the number of days.

☐

VH267672

26. Thinking about math, do you think that you would be able to do each of the following? Do not actually solve the problems. Select **one** answer choice on each row.[4]

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Estimate the weight of 5 apples using pounds (lbs.)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267674
b. Divide 42 stickers among 6 students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH617317
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267682
d. Know when to take a turkey out of the oven if it goes in at 10:00 A.M. and it takes 3 hours and 45 minutes to cook	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH267683

VH844870

27. How much does each of the following statements describe you? Select **one** answer choice on each row.[5]

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want other students to think I am good at math.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844871
b. I want to show others that my math schoolwork is easy for me.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844872
c. I want to look smart in comparison to the other students in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844873
d. I want to get better grades than most other students in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844882

4. Items 26a-26d are used to create the Students' Confidence in Mathematics Knowledge/Skills index (NAEPID: SQCATM7; NAEPIDs for index items: M831401, M831402, M831405, M831406).
5. Items 27a-27d are used to create the Students' Mathematics Performance Goals index (NAEPID for index: SQCATM9; NAEPIDs for index items: M831501, M831502, M831503, M834004).

VH845110

28. How much does each of the following statements describe you? Select **one** answer choice on each row.[6]

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I want to learn as much as possible in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH845117
b. I want to master a lot of new skills in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH845114
c. I want to become better in math this year.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH845115
d. I want to understand as much as I can in my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH845118

[6] Items 28a-28d are used to create the Students' Mathematics Mastery Goals index (NAEPID for index: SQCTM10; NAEPIDs for index items: M831504, M834102, M831505, M831506).

VH844769

29. How much does each of the following statements describe you? Select **one** answer choice on each row.[7]

	Not at all like me	A little bit like me	Somewhat like me	Quite a bit like me	Exactly like me	
a. I enjoy doing math.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844770
b. I look forward to my math class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844771
c. I am interested in the things I learn in math.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844775
d. I think making an effort in math is worthwhile.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844772
e. I think math will help me even when I am not in school.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844777
f. I think it is important to do well in math.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH844774

[7] Items 29a-29f are used to create the Students' Interest/Enjoyment in Mathematics index (NAEPID: SQCATM8; NAEPIDs for index items: M831901, M831902, M831903, M831904, M831905, M831906).