NAEP
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS

Mathematics
Student Questionnaire

2026
Grade 8

VH333658

1. 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

VH260313

2. How easy or difficult was this test?

Ⓐ Extremely difficult

Ⓑ Quite difficult

Ⓒ Somewhat difficult

Ⓓ Somewhat easy

Ⓔ Quite easy

Ⓕ Extremely easy

VR854449

3. How easy or difficult was it for you to complete this test with this device?

Ⓐ Extremely difficult

Ⓑ Quite difficult

Ⓒ Somewhat difficult

Ⓓ Somewhat easy

Ⓔ Quite easy

Ⓕ Extremely easy

VR858698

4. What is your race and/or ethnicity?

Select **one or more** answer choices.

Ⓐ American Indian or Alaska Native

Ⓑ Asian

Ⓒ Black or African American

Ⓓ Hispanic or Latino

Ⓔ Middle Eastern or North African

Ⓕ Native Hawaiian or Pacific Islander

Ⓖ White

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)

VR190753

6. Do you have any of the following in your home?

Select **one** answer choice on each row.

	Yes	No
VH271105 a. Access to the Internet	Ⓐ	Ⓑ
VH336762 b. Your own bedroom	Ⓐ	Ⓑ
VH591976 c. A desktop or laptop computer (including Chromebooks) that you can use	Ⓐ	Ⓑ
VH271110 d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	Ⓐ	Ⓑ
VR730789 e. A smartphone (for example, iPhone, Samsung Galaxy, Google Pixel) that you can use	Ⓐ	Ⓑ

VR953135

7. The following questions are about your parents or guardians.

A "parent or guardian" is someone who raises and takes care of and provides financial resources to support you.
If you have more than two parents or guardians, answer the questions for two parents or guardians you spend the most time with.

Use the drop-down menus to show your answers.

Who is your **Parent or Guardian A**?

Ⓐ Mother

Ⓑ Father

Ⓒ Stepmother

Ⓓ Stepfather

Ⓔ Other relative

Ⓕ Foster mother or other female guardian

Ⓖ Foster father or other male guardian

Who is your **Parent or Guardian B**?

Ⓐ Mother

Ⓑ Father

Ⓒ Stepmother

Ⓓ Stepfather

Ⓔ Other relative

Ⓕ Foster mother or other female guardian

Ⓖ Foster father or other male guardian

Ⓗ I don't have a second parent or guardian.

VR611426

8a. Parent or Guardian "A"

How far in school did your **[Parent or Guardian "A"]** go?

Ⓐ Did not finish high school
Ⓑ Graduated from high school
Ⓒ Had some education after high school
Ⓓ Graduated from college
Ⓔ I don't know.

VR611426

8b. Does your **[Parent or Guardian "A"]** work?

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VR612366

9a. Parent or Guardian "B"

How far in school did your **[Parent or Guardian "B"]** go?

Ⓐ Did not finish high school
Ⓑ Graduated from high school
Ⓒ Had some education after high school
Ⓓ Graduated from college
Ⓔ I don't know.

VR612366

9b. Does your **[Parent or Guardian "B"]** work?

Ⓐ Yes
Ⓑ No
Ⓒ I don't know.

VH240190

10. 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

VR586648

11. Last school year, did you attend the same school as this school year?

Ⓐ Yes
Ⓑ No

VH354591

12. 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

VH240189

13. 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

VH733141

14. How much does each of the following statements describe you?

Select **one** answer choice on each row.

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

VH733149

15. How much does each of the following statements describe you?

Select **one** answer choice on each row.

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

VR586626

16. How much does each of the following statements describe the teachers at your school this year?

Select **one** answer choice on each row.

	Not at all like the teachers at my school	A little bit like the teachers at my school	Quite a bit like the teachers at my school	Exactly like the teachers at my school
VR586627 a. Teachers care about students.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586628 b. Students feel comfortable talking with their teachers.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586630 c. Teachers expect students to do well.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586631 d. Teachers are available when students need them.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586633 e. Teachers try to understand students' problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586634 f. Teachers notice if students need help.	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR586636 g. Teachers treat all students respectfully.	Ⓐ	Ⓑ	Ⓒ	Ⓓ

VR600417

17. What math classes are you taking this year?

Select **one or more** answer choices.

Ⓐ Eighth-grade math

Ⓑ Introduction to algebra or pre-algebra

Ⓒ Algebra I

Ⓓ Geometry

Ⓔ Algebra II

Ⓕ Other math class (Please specify):_____

VR600420

18. What math classes do you expect to take next year?

Select **one or more** answer choices.

Ⓐ Basic or general math

Ⓑ Introduction to algebra or pre-algebra

Ⓒ Algebra I

Ⓓ Geometry

Ⓔ Algebra II

Ⓕ Integrated math

Ⓖ Other math class (Please specify): _____

Ⓗ I don't know.

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

VH266808

20. In your math class this year, how often have you used the following types of calculators?

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
VH266809 a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR191495 b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH266810 c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VH267415

21. 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
VH588077 a. My teacher used computers or other digital devices when teaching math to my class.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267419 b. My teacher required us to use computers or other digital devices to complete math assignments.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590395

22. In your math lessons this year, how often do you do these things?

Select **one** answer choice on each row.

	Never	In some of the lessons	In about half of the lessons	In more than half of the lessons	In all or almost all of the lessons
VR590397 a. Use an equation or a graph to justify your answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590398 b. Evaluate whether an equation or graph supports an answer	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590396 c. Use an equation or a graph to help you choose which of two statements is true	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590400 d. Explain why you agree or disagree with another student's ideas about how to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590402 e. Adapt your ideas about how to solve a math problem based on another student's ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590413

23. In your math class this year, how often have you explained in your own words your solution to a math problem?

Ⓐ Never

Ⓑ In some of the lessons

Ⓒ In about half of the lessons

Ⓓ In more than half of the lessons

Ⓔ In all or almost all of the lessons

VH268936

24. 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

VR760467

25. How often do you receive help or tutoring for math **outside of school**, **before 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

VR590328

26. Outside of school, how often did you do each of these activities in the last month?

Select **one** answer choice on each row.

	Never	Once	Two or three times	Four or more times
VR590329 a. Use math in a conversation with a friend	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR590332 b. Make a decision based on the probability that something will occur	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR590335 c. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	Ⓐ	Ⓑ	Ⓒ	Ⓓ
VR590337 d. Estimate how long you have to wait for something (for example, the end of a game)	Ⓐ	Ⓑ	Ⓒ	Ⓓ

VH844769

27. How much does each of the following statements describe you?

Select **one** answer choice on each row.

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

VH845110

28. How much does each of the following statements describe you?

Select **one** answer choice on each row.

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

VR600400

29. How much do you like doing the following activities?

Select **one** answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
VR589847 a. Doing math with another student	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589850 b. Deciding if a mathematical conclusion is true or false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589853 c. Showing why an answer is correct, using an equation, graph, or table	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589857 d. Finding multiple ways to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589840 e. Using graphs or geometric figures to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR589836

30. How much do you like doing the following activities?

Select **one** answer choice on each row.

	Do not like at all	Like a little bit	Like somewhat	Like quite a bit	Like a lot
VR589841 a. Using words or an equation to write the rule for a number pattern	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589842 b. Finding similarities among different examples of mathematical ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589843 c. Checking the solution to a math problem to see if it makes sense in real life	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589844 d. Using math to solve problems from the real world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589845 e. Translating the solution to a word problem back to the real-life situation it came from	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR589846 f. Applying results from one math problem to other problems or situations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

VR590192

31. 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.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can
VR731432 a. List all of the different possible outcomes when a coin is flipped three times	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR590202 b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731433 c. Determine a 20% tip for a $55 restaurant dinner bill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VH267682 d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731434 e. Give an example to show that a math statement is false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731435 f. Explain to your classmate how you solved a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
VR731436 g. Use correct mathematical words and symbols when showing your work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ