Mathematics 2
Pilot Student Questionnaire

2026
Grade 8

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

2. How easy or difficult was this test?

Ⓐ Extremely difficult

Ⓑ Quite difficult

Ⓒ Somewhat difficult

Ⓓ Somewhat easy

Ⓔ Quite easy

Ⓕ Extremely easy

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.

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

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 (parent or guardian "A" and parent or guardian "B") that you spend the most time with.

5a. Who is your **Parent or Guardian "A"**?

Ⓐ Mother

Ⓑ Father

Ⓒ Stepmother

Ⓓ Stepfather

Ⓔ Other female relative

Ⓕ Other male relative

Ⓖ Nonbinary relative

Ⓗ Foster mother or other female guardian

Ⓘ Foster father or other male guardian

5b. Who is your **Parent or Guardian "B"**?

Ⓐ Mother

Ⓑ Father

Ⓒ Stepmother

Ⓓ Stepfather

Ⓔ Other female relative

Ⓕ Other male relative

Ⓖ Nonbinary relative

Ⓗ Foster mother or other female guardian

Ⓘ Foster father or other male guardian

Ⓙ I don't have a second parent/guardian.

Parent or Guardian "A"

6a. 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.

6b. Does your [**Parent or Guardian "A"**] work?

Ⓕ Yes

Ⓖ No

Ⓗ I don't know.

Parent or Guardian "B"

7a. 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.

7b. Does your [**Parent or Guardian "B"**] work?

Ⓕ Yes

Ⓖ No

Ⓗ I don't know.

VR586105

8. During this school year, how often do you use a **computer**, **tablet**, or **Chromebook** to do the following things during your classes at school? Select **one** answer choice on each row.

	Never or hardly ever	Once every few weeks	About once a week	Two or three times a week	Every day	
a. Practice a skill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR586109
b. Create artwork	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR586113
c. Work with other students	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR586120
d. Create and share presentations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR586121
e. Read about current events	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR586125

VH354591

9. 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

10. 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

11. How much does each of the following statements describe you? Select **one** answer choice on each row.

VH733149

	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

VH240190

12. 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

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

Ⓐ Yes

Ⓑ No

14. How much does each of the following statements describe the teachers at your school this year? Select **one** answer choice on each row.

VR586626

	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	
a. Teachers care about students.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586627
b. Students feel comfortable talking with their teachers.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586628
c. Teachers expect students to do well.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586630
d. Teachers are available when students need them.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586631
e. Teachers try to understand students' problems.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586633
f. Teachers notice if students need help.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586634
g. Teachers treat all students respectfully.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR586636

VR600417

15. 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

16. 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.

VH266808

17. 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	
a. Basic calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH266809
b. Scientific (not graphing) calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR191495
c. Graphing calculator	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH266810

VR590413

18. 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

VR777661

19. 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. Write code	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR590154
c. Use online resources for help with your math homework	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR590141

20. **Outside of school**, how often did you do each of these activities in the last month? Select **one** answer choice on each row.

VR590328

	Never	**Once**	**Two or three times**	**Four or more times**	
a. Use math in a conversation with a friend	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590329
b. Estimate the price of a product on sale when you know the regular price and the discount	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590330
c. Compare the volumes of different containers (for example, bottles or cans of beverages)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590331
d. Make a decision based on the probability that something will occur	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590332
e. Determine how long the contents of a container will last if it is used at a constant rate	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590333
f. Compare the areas of two regions to find out which one is greater	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590334
g. Estimate how long it will take to complete a task if you know how long it takes to complete a portion of the task	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590335
h. Divide a group of friends into smaller groups of equal size for an activity	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590336
i. Estimate how long you have to wait for something (for example, the end of a game)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	VR590337

VR589836

21. 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	
a. Drawing graphs or geometric figures to represent a problem or situation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589838
b. Reading and understanding graphs or geometric figures that represent a problem or situation	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589839
c. Using graphs or geometric figures to solve a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589840
d. Using words or an equation to write the rule for a number pattern	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589841
e. Finding similarities among different examples of mathematical ideas	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589842
f. Checking the solution to a math problem to see if it makes sense in real life	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589843
g. Using math to solve problems from the real world	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589844
h. Translating the solution to a word problem back to the real-life situation it came from	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589845
i. Applying results from one math problem to other problems or situations	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR589846

22. 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.

VR590192

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. List all of the different possible outcomes when a coin is flipped three times	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR731432
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in x weeks	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR590202
c. Determine a 20% tip for a $55 restaurant dinner bill	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR731433
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR732484
e. Give an example to show that a math statement is false	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR731434
f. Explain to your classmate how you solved a math problem	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR731435
g. Use correct mathematical words and symbols when showing your work	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VR731436

VH845110

23. 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	
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