



Mathematics Student Questionnaire

2024
Grade 8

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.

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

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)

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	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH271105
b. Your own bedroom	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH336762
c. A desktop or laptop computer (including Chromebooks) that you can use	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH591976
d. A tablet (for example, Surface Pro, iPad, Kindle Fire) that you can use	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VH271110
e. A smartphone (for example, iPhone, Samsung Galaxy, HTC One) that you can use	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	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

VH240192

10. 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.

VH240193

11. 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.

VH336776

12. Does **your mother** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.

VH336779

13. Does **your father** work?

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.

VH271144

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

	Yes	No	
a. Mother	<input type="radio"/> A	<input type="radio"/> B	VH271145
b. Stepmother	<input type="radio"/> A	<input type="radio"/> B	VH271146
c. Foster mother or other female legal guardian	<input type="radio"/> A	<input type="radio"/> B	VH271147
d. Father	<input type="radio"/> A	<input type="radio"/> B	VH271148
e. Stepfather	<input type="radio"/> A	<input type="radio"/> B	VH271149
f. Foster father or other male legal guardian	<input type="radio"/> A	<input type="radio"/> B	VH271150

VH591969

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

- ☐ A Never
- ☐ B In some classes
- ☐ C In about half of the classes
- ☐ D In more than half of the classes
- ☐ E In all or almost all classes

VH271276

16. In this school year, how often did you use a **tablet** (for example, Surface Pro, iPad,

- ☐ A Never
- ☐ B In some classes

Kindle Fire) during your classes at school?

- ☐ C In about half of the classes
- ☐ D In more than half of the classes
- ☐ E In all or almost all classes

VH852900

17. Are you taking an art course this school year (for example, drawing, painting, or studio art)?

- ☐ A Yes
- ☐ B No

VR740539

18. Thinking about **this school year**, do you think you can do each of the following? Select **one** answer choice on each row.

	I definitely can't	I probably can't	Maybe	I probably can	I definitely can	
a. Learn what you need to learn in your mathematics class	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740540
b. Know how to get the help you need for your mathematics class	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VR740541

VR740556

19. Did you receive any tutoring in mathematics **this school year**?

- ☐ A Yes
- ☐ B No

VR740558

20. To what extent did your mathematics tutor make it easier for you to understand what you were learning?

- ☐ A Not at all
- ☐ B A little bit
- ☐ C Somewhat
- ☐ D Quite a bit
- ☐ E A lot

21. How easy was it for you to understand the material in your mathematics tutoring sessions?

- Ⓐ Not at all easy
- Ⓑ A little easy
- Ⓒ Somewhat easy
- Ⓓ Very easy
- Ⓔ Extremely easy

22. 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	
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

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	Very much like me	
a. I like complex problems more than easy problems.	(A)	(B)	(C)	(D)	(E)	VH733150
b. I like activities that challenge my thinking abilities.	(A)	(B)	(C)	(D)	(E)	VH733151
c. I enjoy situations where I will have to think about something.	(A)	(B)	(C)	(D)	(E)	VH733155
d. I enjoy thinking about new solutions to problems.	(A)	(B)	(C)	(D)	(E)	VH733154

24. 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	
a. Teachers care about the students.	(A)	(B)	(C)	(D)	VR730781
b. Students feel comfortable talking with their teachers.	(A)	(B)	(C)	(D)	VR730782
c. Teachers expect students to do well.	(A)	(B)	(C)	(D)	VR730783
d. Teachers are available when students need them.	(A)	(B)	(C)	(D)	VR730784
e. Teachers try to understand students' problems.	(A)	(B)	(C)	(D)	VR730785
f. Teachers notice if I need help.	(A)	(B)	(C)	(D)	VR730786
g. Teachers treat all students respectfully.	(A)	(B)	(C)	(D)	VR730787

25. What math class are you taking this year? Select **one or more** answer choices.

- ☐ Ⓐ Eighth-grade math
- ☐ Ⓑ General eighth-grade math
- ☐ Ⓒ Algebra I course
- ☐ Ⓓ First year of a two-year algebra course
- ☐ Ⓔ Second year of a two-year algebra course
- ☐ Ⓕ Algebra I (one-year course)
- ☐ Ⓖ Algebra II
- ☐ Ⓗ Geometry
- ☐ Ⓘ Other

26. What math class do you expect to take next year?

- ☐ Ⓐ 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
- ☐ Ⓗ Business or consumer math
- ☐ Ⓘ Other math class
- ☐ Ⓣ I don't know.

27. 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

28. 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

29. 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

30. 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

31. 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. Program computers	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH268949
c. Go to websites for help with your math homework	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	VH268962

32. 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

33. 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	
a. List all of the different possible outcomes when a coin is flipped three times	(A)	(B)	(C)	(D)	(E)	VH460382
b. Create an expression that represents the average number of miles you run in a week if you run 100 miles in w weeks	(A)	(B)	(C)	(D)	(E)	VH460383
c. Determine a 20 percent tip of a 67-dollar restaurant dinner bill	(A)	(B)	(C)	(D)	(E)	VH267679
d. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	(A)	(B)	(C)	(D)	(E)	VH267682
e. Give an example to show that a math statement is false	(A)	(B)	(C)	(D)	(E)	VH460399
f. Explain to your classmate how you solved a math problem	(A)	(B)	(C)	(D)	(E)	VH460910
g. Use correct mathematical words and symbols when showing your work	(A)	(B)	(C)	(D)	(E)	VH460902

34. 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.	(A)	(B)	(C)	(D)	(E)	VH845117
b. I want to master a lot of new skills in my math class.	(A)	(B)	(C)	(D)	(E)	VH845114
c. I want to become better in math this year.	(A)	(B)	(C)	(D)	(E)	VH845115
d. I want to understand as much as I can in my math class.	(A)	(B)	(C)	(D)	(E)	VH845118

35. 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 enjoy doing math.	(A)	(B)	(C)	(D)	(E)	VH844770
b. I look forward to my math class.	(A)	(B)	(C)	(D)	(E)	VH844771
c. I am interested in the things I learn in math.	(A)	(B)	(C)	(D)	(E)	VH844775
d. I think making an effort in math is worthwhile.	(A)	(B)	(C)	(D)	(E)	VH844772
e. I think math will help me even when I am not in school.	(A)	(B)	(C)	(D)	(E)	VH844777
f. I think it is important to do well in math.	(A)	(B)	(C)	(D)	(E)	VH844774