



Mathematics Student Questionnaire

**2019
Grade 4
(Pilot)**

Pilot

NOTE: These items are being pilot tested in 2019 for possible inclusion in the 2021 NAEP operational assessment. Some items that are pilot tested may not be included in the final assessment. A pilot is a pretest that occurs prior to an assessment. Individual students will receive a subset of these 2019 pilot questions.

1. 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

2. 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

3. 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

4. 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. Estimate the weight of 5 apples using pounds (lb)	(A)	(B)	(C)	(D)	(E)	VH858273
b. Share 42 stickers equally among 6 students	(A)	(B)	(C)	(D)	(E)	VH810864
c. Find the amount of carpet needed to cover a rectangular floor if you know its length and width	(A)	(B)	(C)	(D)	(E)	VH267682
d. Calculate what time the movie ends if it starts at 11:00 AM and lasts for 2 hours and 45 minutes.	(A)	(B)	(C)	(D)	(E)	VH810865

Pilot

5. 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

6. 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

VH853724

7. How often do you receive the following types of help with math schoolwork **outside of school or after 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. Help from a teacher	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH853725
b. Help from a tutor	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH853726
c. Help from a family member or friend	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH853728
d. Help from online resources (for example, websites or apps)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	VH853729

VH853732

8. How useful do you find each of the following types of help to understand your math schoolwork? Select **one** answer choice on each row.

	Not useful at all	Somewhat useful	Very useful	I don't receive that type of help.	
a. Help from a teacher	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH853733
b. Help from a tutor	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH853734
c. Help from a family member or friend	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH853736
d. Help from online resources (for example, websites or apps)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	VH853737

VH336085

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

- A Yes
 B No

10. 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 other students to think I am a good math student.	(A)	(B)	(C)	(D)	(E)	VH854117
b. I want to show others that my math schoolwork is easy for me.	(A)	(B)	(C)	(D)	(E)	VH854118
c. I want to look smart in comparison to the other students in my math class.	(A)	(B)	(C)	(D)	(E)	VH854119
d. I want to get better math grades than most other students in my class.	(A)	(B)	(C)	(D)	(E)	VH854134

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

12. 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 about math in my class.	(A)	(B)	(C)	(D)	(E)	VH853957
b. I want to master a lot of new math skills in my class.	(A)	(B)	(C)	(D)	(E)	VH853961
c. I want to become a better math student this year.	(A)	(B)	(C)	(D)	(E)	VH853949
d. I want to understand as much as I can in my math class.	(A)	(B)	(C)	(D)	(E)	VH853952

13. 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)	VH854029
b. I look forward to my math class.	(A)	(B)	(C)	(D)	(E)	VH854030
c. I am interested in the things I learn in math.	(A)	(B)	(C)	(D)	(E)	VH854034
d. I think making an effort in math is worthwhile.	(A)	(B)	(C)	(D)	(E)	VH854031
e. I think math will help me even when I am not in school.	(A)	(B)	(C)	(D)	(E)	VH854036
f. I think it is important to do well in math.	(A)	(B)	(C)	(D)	(E)	VH854033