

Question 1

Name of your school

Question 2

Name (PRINT)

Last

First

Middle

Question 3

Grade in school _____

Question 4

Sex (CHECK ONE) Boy _____ Girl _____

Question 5

Date of birth

Month

Day

Year

Question 6 / 3

CHECK ONE: Your present school, course or program is primarily

a) academic

1) specializing in mathematics _____

2) studying mathematics but not specializing in it _____

3) with no secondary mathematics _____

b) vocational or commercial

1) with secondary mathematics _____

2) with no secondary mathematics _____

c) general

1) with secondary mathematics _____

2) with no secondary mathematics _____

Question 7

Name of your present or most recent mathematics teacher:

(CIRCLE ONE) Mr., Mrs., Miss _____

Question 8

What is the approximate number of students in your present or most recent mathematics class? (CHECK ONE)

Under 10 _____ 10-14 _____ 15-19 _____ 20-24 _____
25-29 _____ 30-34 _____ 35-39 _____ 40 or more _____

Question 9

How many times a week does your present (or most recent) mathematics class meet? (CHECK ONE)

1 or 2 _____ 3 or 4 _____ 5 or 6 _____ 7 or 8 _____
9 or 10 _____ 11 or 12 _____ 13 or more _____

Question 10

About how many hours a week does your present or most recent mathematics class meet? (CHECK ONE)

Less than 1 hr. _____ 1 hr. to 1 hr. 59 min. _____
2 hrs. to 2 hrs. 59 min. _____ 3 hrs. to 3 hrs. 59 min. _____
4 hrs. to 4 hrs. 59 min. _____ 5 hrs. to 5 hrs. 59 min. _____
6 hrs. to 6 hrs. 59 min. _____ 7 hrs. to 7 hrs. 59 min. _____
8 hrs. or more _____

Question 11

About how many hours do you attend school each week, not including lunch and recess breaks? (CHECK ONE)

Less than 20 _____ 20-22 _____ 23-25 _____
26-28 _____ 29-31 _____ 32-34 _____
35-37 _____ 38-40 _____ 41 or more _____

Question 12 / 2

About how many hours a week do you usually devote to

- a. Mathematics homework? _____
- b. All homework (including mathematics)? _____

Question 13

Where do your parents live now? (CHECK ONE)

- Farm _____
- Village-population less than 2,500 _____
- Small city or town -- population 2,500 - 15,000 _____
- Medium sized city -- population 15,000 - 100,000 _____
- Suburban area -- community near a large city (population of more than 100,000) _____
- Large city -- population of more than 100,000 _____

Question 14

What was the highest school grade that your father completed? (CIRCLE ONE)

Elementary

| School | Junior and Sr. High | College | Graduate |
|-------------|---------------------|-------------|----------|
| ----- | ----- | ----- | ----- |
| 1 2 3 4 5 6 | 7 8 9 10 11 12 | 13 14 15 16 | 17+ |

Question 15

What was the highest school grade that your mother completed? (CIRCLE ONE)

Elementary

| School | Junior and Sr. High | College | Graduate |
|-------------|---------------------|-------------|----------|
| ----- | ----- | ----- | ----- |
| 1 2 3 4 5 6 | 7 8 9 10 11 12 | 13 14 15 16 | 17+ |

Question 16

Father's occupation _____

If your father is not living, give his occupation before he died. If your father is not employed at present, give his usual occupation.

Question 17

On the lines below, describe his occupation as carefully as you can. For example, if his occupation is "salesman," tell what he sells and where he works. If he works for a city government, be sure to indicate whether he is a policeman, clerk, etc. If he is a "plant manager", describe the kind of plant he manages, its size, location, and what it produces. If his occupation is "teacher", tell at what grade level, which subjects and where he teaches, etc.

Question 18

Has your mother, at present, a paid job? (CHECK ONE)

- a) No _____
- b) Yes--full time _____
- c) Yes--part time _____

Question 19

How many more years of school do you expect or plan to complete? (CHECK ONE)

1 year or less _____ 2 years _____ 3 years _____
4 years _____ 5 years _____ 6 years _____
7 years _____ 8 years _____ 9 or more years _____

Question 20

If you could do as you wished, how many more years of fulltime education would you like to complete? (CHECK ONE)

1 year or less _____ 2 years _____ 3 years _____
4 years _____ 5 years _____ 6 years _____
7 years _____ 8 years _____ 9 or more years _____

Question 21

What occupation do you expect to enter after you have completed your schooling? _____

Question 22

If you could do as you wished, what occupation would you like to enter? _____

Question 23

Do you expect to take any more mathematics courses after this year? (CHECK ONE)

Yes _____ No _____

Question 24

If you could do as you wished, would you like to take any more mathematics courses after this year? (CHECK ONE)

Yes _____ No _____

Question 25

Have you been a member of any mathematics club or have you attended any special lectures on mathematics? (CHECK ONE)

Yes _____ No _____

If the answer to the above question is "Yes," please describe briefly the club or lectures.

Question 26

When you leave school, which of the following do you intend to do? (CHECK ONE)

- a) Attend a university or college full-time _____
- b) Attend a university or college part-time _____
- c) Attend some other institution of higher learning full-time _____

- d) Attend some other institution of higher learning part-time _____
 e) Work full-time _____
 f) Do somethin different (Please specify) _____
-
-

Question 27

Have you taken or are you planning to take any state, regional or national examination in mathematics? (CHECK ONE)

Yes _____

No _____

Undecided _____

Question 28-32 / 5

Here is a list of secondary school subjects. Use the numbers in this list to answer questions 28 - 32 on the following page.

- 01 English (Language Usage) 72 Advanced Algebra
 02 Speech and Dramatics 73 College Algebra
 03 Literature 79 Experimental Alge-
 10 Foreign language bra Course
 20 Social Studies 80 Plane Geometry
 30 General Science 85 Trigonometry
 31 Biological Science 89 Experimental Geom-
 40 Physical Science etry or Trigonometry
 50 Art Course
 51 Music 90 Calculus
 52 Agriculture 91 Advanced Mathemat-
 53 Shop ics
 54 Home Economics (specify) _____
 55 Commercial subjects 99 Experimental
 56 Physical Education Advanced
 57 Mechanical Drawing Mathematics
 60 Arithmetic only (specify) _____
 61 General Mathematics 101 Other
 69 Experimental Arithmetic or (specify) _____
 General Mathematics 102 Other
 Program (specify) _____
 70 Elementary Algebra 103 Other
 71 Intermediate Algebra (specify) _____
 104 Other
 (specify) _____
 105 Other
 (specify) _____

28. Which two secondary school subjects have you liked most?
Select numbers from the preceding list and write them on
the lines below.

29. Which two secondary school subjects have you liked least?
Select numbers from the preceding list and write them on
the lines below.

30. In which two subjects did you get your highest grades?
Select numbers from the preceding list and write them on
the lines below.

31. In which two subjects did you get your lowest grades?
Select numbers from the preceding list and write them on
the lines below.

32. What mathematics courses did you take in each of the following
grades? Insert the numbers of the courses from the
preceding list on each line below. If you did not take
any mathematics courses in a given year, leave that line
blank.

9th _____
10th _____
11th _____
12th _____