

1. What is your relationship to the twins for whom you are completing this questionnaire? (Circle one.)

004

- Mother. 1 (7)
 Father. 2
 Stepmother. 3
 Stepfather. 4
 Guardian (Circle and explain.) 5
 Other (Circle and specify.) 6

2. How well did you know the twins as children? (Circle one.)

005

If you knew the twins only casually or not at all, do not complete the questionnaire. If there is no one available who knew them well, check here _____ and return the questionnaire blank.

- Very well. 1 (8)
 Fairly well. 2
 Casually. 3
 Not at all. 4

3. What is the current status of the family? (Circle all that apply.)

006

[If the twins are not living with the true parents, answer the following five questions in regard to those now acting as the parents.]

- True mother deceased. 1 2 (9)
 True father deceased. 2 2
 Parents together. 3 1
 Parents separated, but not divorced. 4 2
 Parents divorced. 5 2
 Mother remarried. 6 2
 Father remarried. 7 2

* What is the father's occupation? (If duties are not clear from the job title, please give details.) (10-11)

* What is the mother's occupation? (If duties are not clear from the job title, please give details.) (12-13)

6. What are the parents' ages? (Write in age at the last birthday.) If deceased, write in the age which would have been attained if still living.

007 Mother. . . [] [] (14-15)

008 Father. . . [] [] (16-17)

7. What is each parent's highest educational attainment? (Circle one in each column.)

- 8th grade or less.
 Part high school.
 High school graduate.
 Part college or junior college.
 College graduate.
 Graduate or professional degree beyond the bachelor's degree.

009 Mother	010 Father
1	1
2	2
3	3
4	4
5	5
6	6

(18-19)

8. What is the family's income? Indicate total family income before taxes. (Circle one.)

011

- Less than \$5,000 per year. 1 (20)
 \$5,000 to \$7,499. 2
 \$7,500 to \$9,999. 3
 \$10,000 to \$14,999. 4
 \$15,000 to \$19,999. 5
 \$20,000 to \$24,999. 6
 \$25,000 and over. 7

9. Below are listed a number of things that children can do and things that can happen to them at various ages. Note that the statements are divided into groups according to the ages at which they apply. Think of your twins as they were during the particular age level. When you have the age clearly in mind, indicate whether or not each of the statements was true of one or the other or both twins at this age. If a statement is true for both twins, circle the number under both. If it is true for only one, then circle the number for that twin; if it is true for neither twin, circle the number under neither. You may find it helpful to write the names of "Twin one" and "Twin two" above the respective columns. (Circle one for each item.)

NOTE: Parents of Girls: We have occasionally used the pronouns "he" and "his". Whenever this occurs, please translate to "she" and "her". We apologize for this, but we couldn't think of any better alternative.

INFANCY (Birth to Two Years)

IMPORTANT: See instructions on front of booklet for explanation of who is "Twin one" and who is "Twin two"

(7-18)

Twin one only
Twin two only
Both twins
Neither twin

1K _____ (1-6)

(19-31)

Twin one only
Twin two only
Both twins
Neither twin

012

Had colic frequently 1 2 3 4

Learned to walk early (before 10 months) 1 2 3 4

Learned to walk late (after 20 months) 1 2 3 4

Had one or more serious illnesses (Circle and specify.) _____ 1 2 3 4

Was usually rocked and held when he cried. 1 2 3 4

There were complications at birth (anoxia, blood disorders, etc.) (Circle and specify.) _____ 1 2 3 4

Wore corrective shoes or leg braces for one month or longer 1 2 3 4

Was easily awakened by noise around the house 1 2 3 4

020

Was usually left to cry alone when just crying for attention 1 2 3 4

Was cared for by his father at least half of the time when he cried at night 1 2 3 4

Was often allowed to run about the house without clothes 1 2 3 4

Could amuse himself for several hours playing alone 1 2 3 4

024

Was a calm, peaceful child and easy to take care of 1 2 3 4

Was breast fed for two months or longer. 1 2 3 4

Cried a lot 1 2 3 4

Was toilet trained before 18 months of age. 1 2 3 4

Was played with frequently by his mother or some other adult . . . 1 2 3 4

Was fed on a regular schedule rather than when he seemed hungry . . . 1 2 3 4

030

Soon learned to sleep through the night and awoke only in unusual circumstances. 1 2 3 4

Often cried when put to bed and cried himself to sleep 1 2 3 4

Was generally fun to care for as an infant. 1 2 3 4

Was allowed to play freely around the house most of the time rather than being kept in a play pen or crib 1 2 3 4

Used a pacifier to suck on for one year or longer 1 2 3 4

Could not eat certain foods or formulas because of allergic reactions. 1 2 3 4

036

Took a bottle to bed most nights . 1 2 3 4

(32-49)

(7-25)

Twin one only
Twin two only
Both twins
Neither twinTwin one only
Twin two only
Both twins
Neither twin

037	Was a premature child (____ months)	1	2	3	4	039	Wore diapers until he trained him- self (no special toilet training procedure was used).	5	6	7	8
	Frequently had diarrhea	1	2	3	4			5	6	7	8
PRE-SCHOOL (Two to Six Years)											
040	Learned to read before starting the first grade.	1	2	3	4	056	Had frequent chest congestion and wheezing	5	6	7	8
	Was read a bedtime story almost every night.	1	2	3	4		Was encouraged to fight back when attacked by other children	5	6	7	8
	Attended Sunday school or church fairly regularly	1	2	3	4		Was easy to train (to keep clean, to respect property, etc.)	5	6	7	8
	Learned poems, stories or songs which he would recite for family and friends.	1	2	3	4	060	Attended nursery school	5	6	7	8
	Showed signs of sibling rivalry to the birth of a brother or sister (demanding attention, regression, emotional upset, etc.)	1	2	3	4		Did not have any serious illnesses.	5	6	7	8
045	Learned a child's prayer which he said before meals or before going to bed	1	2	3	4		Demonstrated some unusual talent before entering school (e.g., music, dancing, singing, mathematics, etc.) (Circle and specify.) _____	5	6	7	8
	Was taught such things as numbers, the alphabet, telling time, etc. at home before entering kinder- garten or first grade.	1	2	3	4		Was frequently destructive (marred furniture, marked walls, broke things, etc.)	5	6	7	8
	Attended kindergarten before entering first grade	1	2	3	4		Was a very affectionate child	5	6	7	8
	Sometimes wet the bed after the third birthday	1	2	3	4		Demanded a great deal of attention from adults.	5	6	7	8
	Had one or more fairly severe fears (ghosts, the dark, certain animals, etc.)	1	2	3	4	065	Often followed his mother around, hanging on her skirts.	5	6	7	8
050	Was made to clean up the messes he made in playing around the house	1	2	3	4		Had a pet dog or cat.	5	6	7	8
	Had occasional temper tantrums.	1	2	3	4	070	Was shy around strangers.	5	6	7	8
	Was finicky about food and was hard to please at meals	1	2	3	4		Occasionally had night terrors (awoke frightened at night).	5	6	7	8
	Usually slept in a room by himself.	1	2	3	4		Liked to show-off in front of guests	5	6	7	8
	Usually slept in a bed by himself	1	2	3	4	073	Sucked his thumb.	5	6	7	8
	Had frequent skin rashes.	1	2	3	4		Had one or more imaginary companions	5	6	7	8
							Had birthday parties which several children his own age attended.	5	6	7	8
							Was taught to speak a language other than English	5	6	7	8

(26-43)

(44-61)

Twin one only
Twin two only
Both twins
Neither twin

074

Would cry when his parents went out
and left him with a baby sitter .

1 2 3 4
5 6 7 8

Would often fight with other
children without provocation. . . .

5 6 7 8

Pajamas covering the hands, bitter
substances, or other devices were
used one or more times to prevent
thumb-sucking

5 6 7 8

Did not like to be dirty.

5 6 7 8

078

Was frequently cared for by the
father while the mother went out

1 2 3 4
5 6 7 8

Was left one or more times with
relatives, friends or at home with
a sitter while the parents took
a vacation of one week or longer. . . .

5 6 7 8

080

Had a definite bed time and was made
to go to bed whether he wanted to
or not.

5 6 7 8

CHILDHOOD (Six to Twelve Years)

081

Attended Sunday school or church
fairly regularly.

5 6 7 8

Was very active and always running,
jumping or playing some active
game.

5 6 7 8

Was taken by his parents to visit a
zoo (don't include school trips). . . .

5 6 7 8

Was often picked-on or teased by
other children.

5 6 7 8

085

Picked out most of the clothes that
were bought for him

5 6 7 8

Was often disobedient

5 6 7 8

Had speech correction or training to
correct a speech defect

5 6 7 8

Stuttered or stammered.

5 6 7 8

Was finicky about food and was hard
to please at meals.

5 6 7 8

090

Walked in his sleep

5 6 7 8

Was often away from home all day
playing, without his parents know-
ing where he was or what he was
doing

5 6 7 8

Had a definite bed time and was made
to go to bed whether he wanted
to or not

5 6 7 8

Helped care for a younger brother
or sister

5 6 7 8

Usually obeyed parent's instructions. . . .

5 6 7 8

095

Wanted to quit school one or more
times

5 6 7 8

Had friends over for lunch or dinner . . .

5 6 7 8

Spent a great deal of his time at
home reading.

5 6 7 8

Was taken on a camping trip or other
outing one or more times by his
father.

5 6 7 8

Was a member of the Cub or Brownie
Scouts.

5 6 7 8

100

Took private dancing lessons

5 6 7 8

Had a quick temper

5 6 7 8

Often asked his parents for sug-
gestions of things to do.

5 6 7 8

Had regular jobs around the house
that were his responsibility.

5 6 7 8

Ran away from home one or more times . . .

5 6 7 8

105

Bit his fingernails.

5 6 7 8

Was given a regular allowance which
he could spend as he wished

5 6 7 8

Had occasional temper tantrums

5 6 7 8

Had one or more fairly severe fears
(ghosts, the dark, certain
animals, etc.).

5 6 7 8

109

Was taken on family vacations of a
week or more (not including
visits to see relatives).

5 6 7 8

(7-23)

(24-39)

110

Would often be so busy playing that he would skip meals entirely, or just grab a bite and run.

1 2 3 4
9 0 x y

Did not enjoy attending school.

9 0 x y

Had friends over to spend the night

9 0 x y

Had a personality conflict or other non-academic difficulty with a teacher which required a visit to the school by the parents.

9 0 x y

Twin one only
Twin two only
Both twins
Neither twin

114

One or more of his grade school teachers was invited to dinner or to be a guest in the home.

1 2 3 4
9 0 x y

Missed an extensive amount of school work in one or more years due to travel, illness or other reasons

9 0 x y

116

Had rules which governed the time spent watching TV and/or the programs seen

9-0 x y

Twin one only
Twin two only
Both twins
Neither twin

ADOLESCENCE (Twelve to Eighteen Years)

117

Spent a great deal of his time at home reading.

9 0 x y

Attended church or Sunday school regularly

9 0 x y

Had serious discussions with parents about sex

9 0 x y

120

Brought friends home to play or study once a week or more on the average

9 0 x y

Frequently disagreed openly with parents

9 0 x y

Often talked over personal problems with parents

9 0 x y

Took sleeping pills for insomnia one or more times

9 0 x y

Was jealous of another child (brother sister, girl or boy friend)

9 0 x y

125

Bit his fingernails

9 0 x y

Had an automobile accident with more than \$50.00 total damage.

9 0 x y

Was given money or other tangible reward for good grades in school.

9 0 x y

Parents have tried to influence his occupational choice

9 0 x y

Refused to eat three or more commonly served foods.

9 0 x y

130

Had a definite curfew or time when he was to come home on weekend nights.

9 0 x y

Walked in his sleep one or more times

9 0 x y

Had rules which governed the time spent watching TV and/or the programs seen

9 0 x y

Belonged to the Boy Scouts or Girl Scouts.

9 0 x y

Often expressed emotion outwardly by yelling, cursing, slamming doors, etc.

9 0 x y

135

Was never allowed to drink alcoholic beverages

9 0 x y

Liked to spend time alone

9 0 x y

Had a sweet tooth--seemed to like sweets a great deal

9 0 x y

Often took a nap during the day

9 0 x y

Had sensitive feelings and was easily hurt

9 0 x y

140

Resembled the mother more in personality than the father.

9 0 x y

Resembled the father more in personality than the mother.

9 0 x y

142

Was left-handed

9 0 x y

11. At what ages were the following things true of the twins. Circle the ages at which each item occurred. "0" indicates from birth to one year, "1" indicates the year in which the twins were one year old, etc. (Circle as many ages as apply for each item. If the event in a particular item did not occur at all, circle the letter "x" at the end of the row.)

FOR EXAMPLE: If the father was away from home for three years when the twins were ages six through eight and again for a year when the twins were ten, you would indicate it thus: CL _____ (1-6) (7-8) (10)

177	Father was absent from home.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	The twins were cared for by a nurse or baby sitter during the day.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Mother was absent from home for six months or more during the year.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Father was absent from home for six months or more during the year.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
180	The child was hospitalized one or more times during the year. (Exclude birth.)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin one	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin two	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	The family moved from one town to another.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	The family moved from one house or apartment to another in the same town.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	A parent was incapacitated by a serious illness for six months or more during the year.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
185	A parent died.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	A grandparent, aunt or uncle who was close to the twins died.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Went away to boarding school or military school for six months or more during the year.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin one	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin two	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Attended summer camp for one week or more.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
190	Twin one	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin two	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Took private piano, voice or other music lessons. (Do not include music instruction in school.)	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin one	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
	Twin two	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x
193	The twins were separated for more than six months during the year.	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	x

12. Parents use many different forms of discipline to train their children. Some of the more common ones are listed below. Indicate to what extent each was used in the training of the twins, both as young children (before six) and as older children (after six). Try to indicate how the twins were actually treated rather than what now seems correct. (Circle one number in each row as young children and one number in each row as older children or adolescents.)

	194-204 YOUNG CHILDREN			205-215 OLDER CHILDREN AND ADOLESCENTS			
	Never used	Occasion- ally used	Frequent- ly used	Never used	Occasion- ally used	Frequent- ly used	
194, 205 Spanking.	1	2	3	4	5	6	(43-53)
Withdrawal of privileges (movies, TV, reduced allowance, etc.). . .	1	2	3	4	5	6	
Temporary restriction of activi- ties (sat on a chair, sent to room, etc.).	1	2	3	4	5	6	
Extra duty (wash dishes, clean house, etc.).	1	2	3	4	5	6	
Tangible reward for good behavior (money, candy, etc.).	1	2	3	4	5	6	
Verbal scolding (labeling as bad boy or girl, bawling out, etc.). .	1	2	3	4	5	6	
200, 211 Reasoning (explain reasons why certain behavior is or is not desirable).	1	2	3	4	5	6	
Rejection, withdrawal of love . .	1	2	3	4	5	6	
Praise for good behavior.	1	2	3	4	5	6	
Comparison with friends or siblings.	1	2	3	4	5	6	
204, 215 Threat of severe punishment (death, desertion, incarceration)	1	2	3	4	5	6	

13. How strict was the discipline of the twins?

216	Very strict.	1	(54)
	Strict	2	
	Firm	3	
	Somewhat easy-going or permissive. . .	4	
	Very easy-going or permissive.	5	

14. How consistent was the discipline of the twins? Could they always count on the same response from the parents for a given action or did it vary from time to time?

217	Always very consistent	1	(55)
	Usually consistent	2	
	Often inconsistent	3	
	Usually inconsistent	4	

15. To what extent were they threatened with punishment that was not actually carried out?

218	Threats of punishment always followed through.	1	(56)
	Threats of punishment usually followed through	2	
	Threats of punishment sometimes followed through	3	
	Threats of punishment rarely followed through.	4	

16. Parents usually follow fairly definite patterns in raising their children. Below are listed some of the ways in which these patterns can differ. Please indicate the general patterns that were actually followed in raising the twins. If the twins were treated more like the statement on one side of the page than the other, circle one of the numbers on that side. If neither statement is particularly descriptive or if both apply equally, circle one of the numbers in the middle. The headings "Very," "Fairly," etc. refer to the degree to which a statement is descriptive (Circle one in each row.)

(57-71)

219

Mother takes responsibility for raising the twins.

Very
Fairly
Slightly
Neither or Both
Slightly
Fairly
Very

1 2 3 4 5 6 7

Father takes responsibility for raising the twins.

Punishment for misbehavior is the main method of control.

1 2 3 4 5 6 7

Praise for good behavior is the main method of control.

Parents give the twins as many things as they can afford.

1 2 3 4 5 6 7

Parents restrict the twins' possessions.

There is a lot of contact between parents and child. Do many things together.

1 2 3 4 5 6 7

Parents and child pursue their interests independently with little contact or interaction.

Parents attempt to train the twins to give up baby ways as soon as possible (early toilet training, early weaning, prevention of thumb sucking, etc.)

1 2 3 4 5 6 7

Parents let the twins develop in their own way, at their own speed.

224

Home is calm, quiet and peaceful.

1 2 3 4 5 6 7

Home is lively, with lots of excitement and many things going on.

Mother is overtly demonstrative of love for the twins with much hugging, kissing and expression of affection.

1 2 3 4 5 6 7

Mother is not overtly demonstrative of love for the twins.

Father is overtly demonstrative of love for the twins with much hugging, kissing and expression of affection.

1 2 3 4 5 6 7

Father is not overtly demonstrative of love for the twins.

Parents let the twins do whatever they want to.

1 2 3 4 5 6 7

Parents actively direct the behavior and interests of the twins.

Parents attempt to make the twins as independent and self-sufficient as possible, and let them work their own way out of difficulties.

1 2 3 4 5 6 7

Parents try to shelter the twins from unnecessary stress and smooth the way as much as possible.

229

Parents want the twins to do well in whatever they undertake and push them to work and try hard in order to achieve to the maximum of their ability.

1 2 3 4 5 6 7

Parents leave it up to the twins to determine how much they undertake and how hard they work.

Parents set many rules and regulations for the twins to live by.

1 2 3 4 5 6 7

Parents let the twins set their own limits.

Mother is stricter with the twins than the father.

1 2 3 4 5 6 7

Father is stricter with the twins than the mother.

Mother has much love and affection for the twins.

1 2 3 4 5 6 7

Mother has little love and affection for the twins.

Father has much love and affection for the twins.

1 2 3 4 5 6 7

Father has little love and affection for the twins.

233

17. The following items are concerned with differences between the twins. Indicate for which twin each statement is most appropriate. (See instructions on front of booklet for explanation of "Twin one" and "Twin two.") (Circle one for each item.)

CM _____ (1-6)					(31-55)				
Which twin: (7-30)	Twin one	Twin two	Neither twin	I don't know		Twin one	Twin two	Neither twin	I don't know
234 Was born first.	1	2	3	4	258 Studies harder	1	2	3	4
Weighed more at birth	1	2	3	4	Reads more	1	2	3	4
Learned to walk first	1	2	3	4	240 Watches TV more.	1	2	3	4
Was toilet trained first.	1	2	3	4	Sleeps more.	1	2	3	4
Received more attention from the mother	1	2	3	4	Has saved more money	1	2	3	4
Received more attention from the father	1	2	3	4	Has more dates	1	2	3	4
240 Did better work in grade school (1st to 6th grades).	1	2	3	4	Was spanked more often as a child.	1	2	3	4
Was more friendly as a young child.	1	2	3	4	265 Was rocked and held more often as a child	1	2	3	4
Had a better appetite as a young child.	1	2	3	4	Cried more as a child.	1	2	3	4
Was closer to the mother.	1	2	3	4	Learned to swim first.	1	2	3	4
Was closer to the father.	1	2	3	4	Learned to ride a bicycle first.	1	2	3	4
245 Had more minor illnesses as a child	1	2	3	4	Learned to drive a car first	1	2	3	4
Had stricter discipline as a child.	1	2	3	4	270 Started menstruation first (for boys leave blank).	1	2	3	4
Had stricter discipline as an adolescent	1	2	3	4	Voice changed first (for girls leave blank)	1	2	3	4
Had a date first.	1	2	3	4	Usually decides what the two of them will do together	1	2	3	4
Is more interested in art	1	2	3	4	Is more dependable	1	2	3	4
250 Is more interested in business.	1	2	3	4	Is more curious.	1	2	3	4
Is more interested in mechanics	1	2	3	4	275 Is more imaginative.	1	2	3	4
Is more interested in science	1	2	3	4	Is more original	1	2	3	4
Is more interested in politics.	1	2	3	4	Is more outgoing	1	2	3	4
Is more interested in dramatics	1	2	3	4	Is more self-confident	1	2	3	4
265 Is more interested in athletics	1	2	3	4	Is more sensitive.	1	2	3	4
Is more interested in helping others.	1	2	3	4	Is more talkative.	1	2	3	4
Is more interested in religion.	1	2	3	4	Is shy	1	2	3	4
					282 Is more temperamental.	1	2	3	4

18. Were the twins dressed alike? (Circle one.)

283

Almost always 1
Part of the time. 2
Rarely or never 3

(56)

19. As children (ages 6 to 12) did the twins tend to play together or separately? (Circle one.) (57)

284

They were almost always together.	1
They were usually together but sometimes played apart . .	2
They usually played apart but sometimes were together . .	3
They almost never played together	4

20. As adolescents (ages 12 to 18) did the twins tend to spend their time together? (Circle one.) (58)

285

They were almost always together.	1
They were usually together but sometimes apart.	2
They usually were apart but sometimes together.	3
They were almost never together	4

21. Did the twins have the same teacher in school? (Circle one.) (59)

286

Usually had the same teacher.	1
Sometimes the same, sometimes different	2
Usually had different teachers.	3

22. Did the twins sleep in the same or separate rooms? (Circle one.)

287

Separate rooms most of their life	4
Usually slept in separate rooms	3
Usually slept in the same room.	2
Slept in the same room most of their life	1

23. Many parents of twins try to treat both children exactly alike. Others make an effort to treat them differently. In raising the twins which of these methods have you followed? (Circle one.)

288

We have tried to treat them exactly the same.	1
We tended to treat them alike	2
We have tried to treat them differently	5
We tended to treat them differently	4
At times we treated them alike, at other times, differently .	3

24. As you know there are two kinds of twins: identical twins which have the same heredity, and fraternal twins which have different heredity. Which kind are your twins? (Circle one.)

289

I am certain they are identical twins	1
I think they are identical twins, but am not certain.	2
I don't know which kind they are.	3
I think they are fraternal twins, but am not certain.	4
I am certain they are fraternal twins	5

X. What, in your opinion, are the most striking differences between the twins? _____

X. What do you feel is the main cause of these differences? _____
