# Sternberg Triarchic Abilities Test (Modified)

## Level H

## Items Included:

**Sternberg Triarchic Abilities Test**

**Answer Key**

**STAT Scoring**

**Abbreviated Version**

**1993**

# Sternberg Triarchic Abilities Test (Modified)

## Level H

## Instructions for Administration

Abbreviated Version

1993

**The materials for the Sternberg Triarchic Abilities Test--Modified (STAT-M) include test booklets and these Instructions for Administration. Make sure you are familiar with all the test materials before you begin test administration. Because you will read these instructions to the students during the administration, you should review these directions carefully before testing begins.**

**The STAT-M contains 9 multiple-choice parts plus a set of three essay questions (part 10).**
**It is recommended that the first 9 parts be given in one sitting. The test can be administered in a group or to individuals.**

**Administer the test using the following guidelines:**

**1. Be sure to have an extra test booklet for demonstration purposes.**

**2. Be sure that all the students fill in the student information on the front cover of their**
**booklets. This information must be filled in completely and accurately.**

**3. Read aloud the indented text that is printed in boldface type.**

**4. Answer questions that relate to the sample questions to ensure that students understand the task. Do not give help on the test questions themselves.**

5. **Encourage the students to complete each part of the test.**

**6. TIME LIMITS: the average time needed to complete a part (4 questions) is approximately five minutes. If all students finish a part in less than five minutes, go on to the next part. If some students need more time for one of the more complicated parts, allow extra time.**
**Part 10 (the essay questions) may be administered in a separate sitting, if necessary. No more than 15 minutes should be allowed for each essay.**

7. **Instruct those who finish early to go back to check their work and await further instructions .**

**Provide students with a No.2 pencil and an eraser. A normal testing atmosphere should be maintained.**

Have all desks cleared and see that each student has a No.2 pencil and an eraser. Begin by saying:

Today you are going to work on some activities in this booklet. When I give you your booklet, keep it closed and do not write anything on it until I tell you what to do.

Distribute the test booklets. Say:

Fill in the information on the front cover of your test booklet. In the space for your name, print your last name, then your first name, then your middle initial. On the other lines, fill in the rest of the information called for. Do you have any questions about what you are supposed to do?

Answer any questions that the students have. While the students are filling in the information, make sure they are following instructions and filling out the information completely and accurately. After the students have finished, say:

Open your booklet to page 2, where it says "Part 1 ". (Demonstrate.) Look at the directions at the top of the page. (point. ) Read them to yourself as I read them aloud. "Each passage contains an unknown word that is underlined. Read each passage and choose the word that has the same meaning as the unknown word as it is used in the question. Circle the letter next to the answer you choose. "

SAMPLE A

Look at Sample A. Read it to yourself as I read it aloud. "The vip was green, so I started to cross the street.
Vip most likely means car... sign... light... tree."

Decide which word has the same meaning as vip. As you can see, the letter C is circled. Light is the correct answer. Light and vip have the same meaning. The light was green, so I started to cross the street. All of the answer choices could be green or could have something to do with a street, but only a light could be green to allow you to cross the street. Are there any questions?

Answer any questions. Say:

Let's try another question.

SAMPLE B

"The day was hot, and many people were outside enjoying the sunshine. Many tems were on the lake. Some pulled water-skiers. "
Tem most likely means wave… boat… raft… duck."
As you can see, the letter B is circled. Boat is the correct answer. Boat and tem have the same meaning. All of the answer choices could be seen near a lake on a hot day, but only boats could be on a lake and pull water-skiers. Are there any questions?

Answer any questions. Repeat the explanation of the samples, if necessary .Say:

You will do the next 4 questions in the same way that we did the samples.
Complete all of the items on page 3. Keep working until you come to the word "STOP". Remember to circle the letter next to the answer you choose. If you have a question, raise your hand, and I will come and speak to you. If you finish before I tell you to stop, you may go back to check your work in this part, but do not go on to any other pages. You will have approximately 5 minutes to work on these questions, with extra time for the more complicated Parts. Are there any questions about what you are supposed to do?

Answer any questions. Then say: Begin working.

While the students are working, make sure they are moving through the test and are marking
their answers properly. Answer the students' questions as best you can, but do not give help on specific test questions.
Whenever all students have completed (or stopped working on) a Part, move on to the next Part.

Stop working now. Put your pencil down.

*FOR EACH OF THE REMAINING PARTS 2 THROUGH 9, FOLLOW A SIMILAR PROCEDURE. READ THE DIRECTIONS FOR EACH PART ALOUD, THEN EXPLAIN THE 2 SAMPLES GIVEN. ANSWER ANY QUESTIONS. THEN FOLLOW THE INSTRUCTIONS FOR TIME LIMITS, GIVING NO MORE THAN 8 MINUTES FOR ANY OF PARTS THROUGH 9. (IF ALL STUDENTS HAVE FINISHED BEFORE TIME IS UP, GO ON TO THE NEXT PART.)*

*EXPLANATIONS FOR EACH SAMPLE QUESTION ARE PROVIDED ON THE FOLLOWING PAGES.*

Part 2, Sample A

The rule is to add 4 to each number to get the next number in the series. 12 plus 4 equals 16; 16 plus 4 equals 20; 20 plus 4 equals 24. What number comes after 24? the next number is 28.

Sample B

The rule for this series is that every other number, beginning with the first number, is increasing by I; every other number, beginning with the second number, is repeating. The correct answer is 5 because 5 is one more than 4.

Part 3, Sample A

In "B", the little triangle goes inside the big triangle in the same way that the little circle goes inside the big circle.

Sample B

In "D" , the shaded square is the same size and orientation as the unshaded square, just as the shaded star is related to the unshaded star .

Part 4, Sample A

Working the extra hours ("B") will insure that she will have the money she needs and allow her to remain financially independent. Any of the other choices are either not certain to provide her with enough money (e.g., " A ") or will result in financial dependence on a loan agency or her parents.

Sample B

Volunteering for the school newspaper will provide John with an opportunity to pursue his interest in writing and to meet other students with similar interests. The other choices are either temporary (D), unrealistic (C), or only address part of the problem (B-he can pursue his interests but in a solitary way).

Part 5, Sample A

The 2 tickets in Section A for Jason and his brother cost $40, $20 multiplied by 2. The 2 tickets for Jason's parents cost $20 because seats in Row 25 are in section C, and tickets in Section C cost $10 each. $40 plus $20 equals $60 (C).

SAMPLE B

The correct answer is $20 (B) because $20 could not be the total price of the 2 tickets. In order for the total price of 2 tickets to be $20, the tickets would be in section C, Rows 21-30, where the price is $10 each. This is not one of the rows where the pair of seats together are still available.

PART 6, SAMPLE A

You will pass the entrances to the Music Hall and Wild Animal Show (B). There are several ways to go from the Burger Stand to the Ticket Sales, but the shortest route to take is the one that passes the entrances to the Music Hall and Wild Animal Show.

SAMPLE B

If you walk from the Lemonade Stand to the Computer Games Arcade, and your friend walks from the Shooting Gallery to the Roller Coaster, both of you will most likely pass the Pizza Stand (C).

PART 7, SAMPLE A

Rake (B) is the only word that goes with dollar in the same way that shovel goes with snow because you are pretending that dollars (money) fall off trees. You would use a rake to clear away dollars just as you would use a shovel to clear away snow.

SAMPLE B

In this sample, the pretend statement isn't important in choosing the correct answer. It doesn't matter whether birds live in caves or not. The only answer that goes with bird in the same way that scale goes with fish is feather.

PART 8, SAMPLE A

The correct answer is 11. In the case of graf, since 4 is less than 7, the two numbers are added.

SAMPLE B

The correct answer is 28. In the case of flix, since 4 is less than 7, the two numbers are multiplied.

Part 9, Sample A

The larger, unshaded circle is the answer. The smaller, unshaded circle must be followed by the larger, unshaded circle in the same way that the shaded square gets larger from box to box.

Sample B

Because the half-shaded circle in the first row of boxes turns to the right from box to box, the half -shaded square must also turn to the right from box to box.

ESSAY QUESTIONS

For Part 10, allow students 15 minutes to complete each essay. Students should attempt to keep the essay to the two lined pages available, but if absolutely necessary they may continue the essay to the back of the sheet. If they finish an essay before time is up, they may go back to another essay if they wish. They may not go back to Parts 1 through 9.

THANK YOU FOR YOUR HELP!

# STERNBERG

# TRIARCHIC ABILITIES TEST
(Modified)

# LEVEL H

Name _____ Date _____

School _____ Grade _____

Racial or Ethnic Group _____ Sex _____ Birth date _____

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Part 1

DIRECTIONS
Each passage contains an unknown word that is underlined. Read each passage and choose the word that has the same meaning as the unknown word as it is used in the question.

Circle the letter next to the answer you choose.

| SAMPLE A | SAMPLE B |
| --- | --- |
| The vip was green, so I started to cross the street.<br>Vip most likely means<br>A. car<br>B. sign<br>C. light<br>D. tree | The day was hot, and many people were outside enjoying the sunshine. Many tems were on the lake. Some pulled water-skiers.<br>Tem most likely means<br>A. wave<br>B. boat<br>C. raft<br>D. duck |

1. Zods took their first trip to the moon 1,800 years ago via two stories by Lucian of Somosata, who may therefore properly be called the father of science fiction. In one of his tales, titled "True History," the trip was accidental. A ship sailing mysterious waters was blown to the moon by a sudden storm. In the other story, the trip was premeditated. Its hero, Learomenippus, undertook long training with the wings of large birds and finally became airborne and flew to his destination.

   Zod most likely means

   A. astronaut

   B. reader

   C. scientist

   D. explorer

2. Any retail business that ignores its regular clientele, in order to concentrate on new jids, may discover that sales do not increase. The new interest generated may not be enough to compensate for the loss in sales caused by dissatisfied patrons who begin to shop elsewhere.

   Jid most likely means

   A. product

   B. customer

   C. advertisement

   D. investment

3. Gazing upon the first signs of gep, the traveler stood still and silent. Before him, the mighty Sandrus Mountain peaks rose into the clouds, until the snowy caps were almost indistinguishable from the white fleece hovering above them. When the sun came up, its rays lit up the snow like rainbows.

   Gep most likely means

   A. dawn

   B. land

   C. winter

   D. life

4. Today the news comes at such a fast pace that we often find ourselves absorbing contradictory information without stopping to think through the mivs. Sometimes, of course, we have simply misunderstood what we hear or read. But at other times, the news is made up of half-truths or ambiguous statements out of context.

   Miv most likely means

   A. fallacy

   B. consequence

   C. inconsistency

   D. reason

**STOP**

Part 2

DIRECTIONS

Each question contains a series of numbers. Each number in the series is related to one or more of the numbers before it by some rule. Find the rule, and figure out what number should come next in the series.

Circle the letter next to the answer you choose.

---

SAMPLE A

| 12 | 16 | 20 | 24 | |
|---|---|---|---|---|

A. 30 (B.) 28 C. 26 D. 22

---

SAMPLE B

| 2 | 1 | 3 | 1 | 4 | 1 | |
|---|---|---|---|---|---|---|

A. 1 B. 4 (C.) 5 D. 6

---

5.

| -4 | -3 | -1 | 3 | 11 | 27 | |
|---|---|---|---|---|---|---|

A. 62 B. 39 C. 43 D. 59

---

6.

| 2 | 8 | 3 | 27 | 4 | 64 | 5 | |
|---|---|---|---|---|---|---|---|

A. 125 B. 100 C. 121 D. 81

---

7.

| 256 | 169 | 100 | 49 | 16 | |
|---|---|---|---|---|---|

A. 1 B. 4 C. 8 D. 9

---

8.

| 3 | 2 | 12 | 6 | 48 | 18 | |
|---|---|---|---|---|---|---|

A. 66 B. 192 C. 132 D. 144

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**STOP**

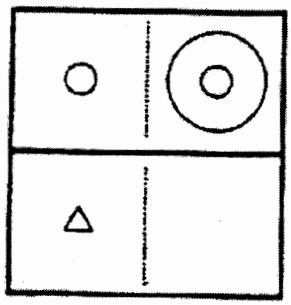
**Part 3**

DIRECTIONS

In each question, the shapes in the top row of boxes go together in a certain way. Choose the shape that goes with the shape in the bottom row in the same way that the shapes in the top row go together.

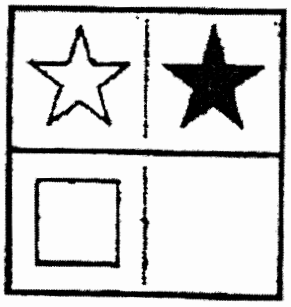
Circle the letter under the answer you choose.

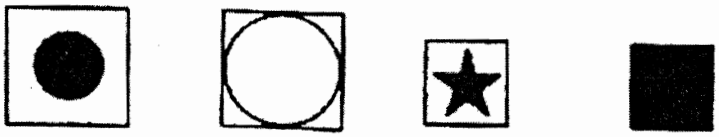
SAMPLE A



A Ⓑ C D

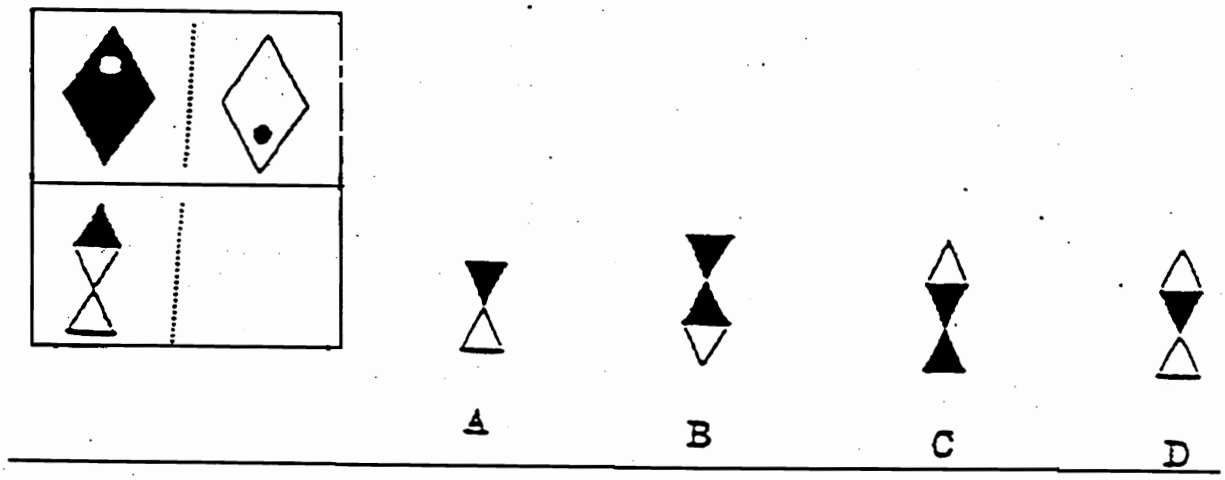
SAMPLE B





A B C Ⓓ

9.

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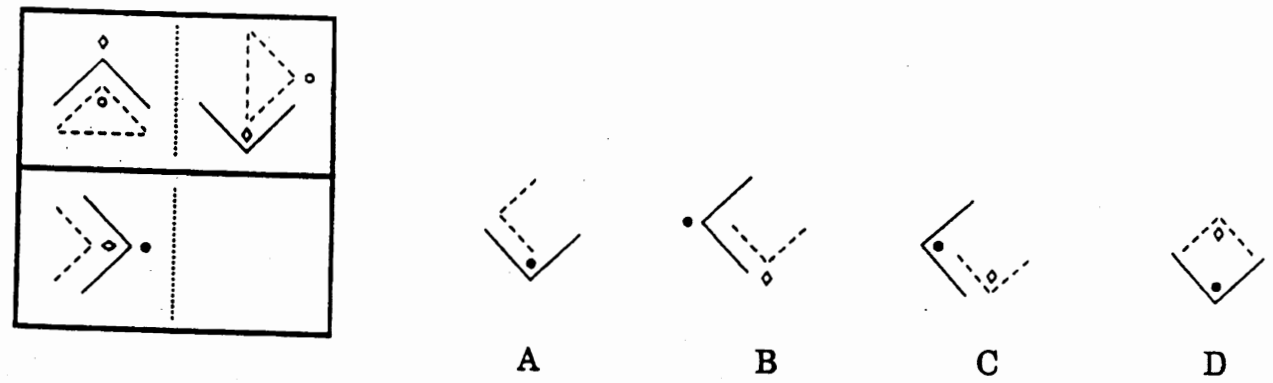


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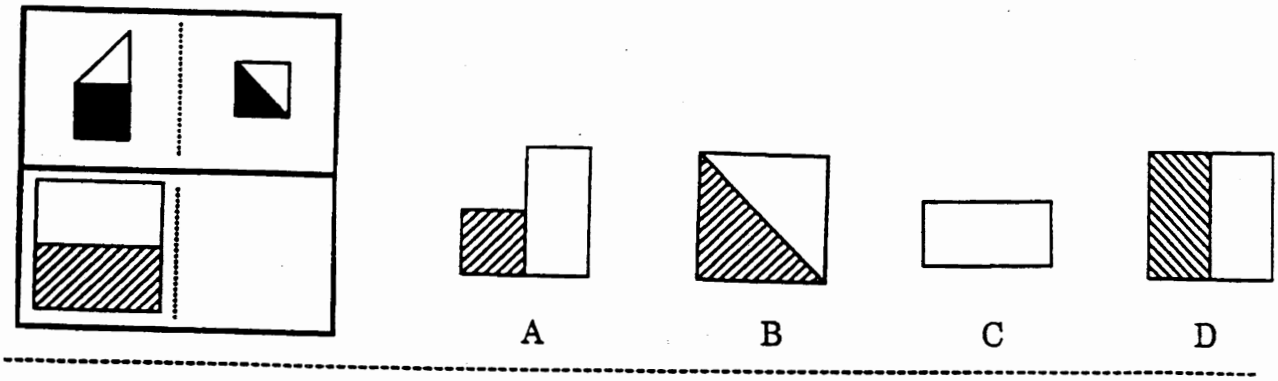

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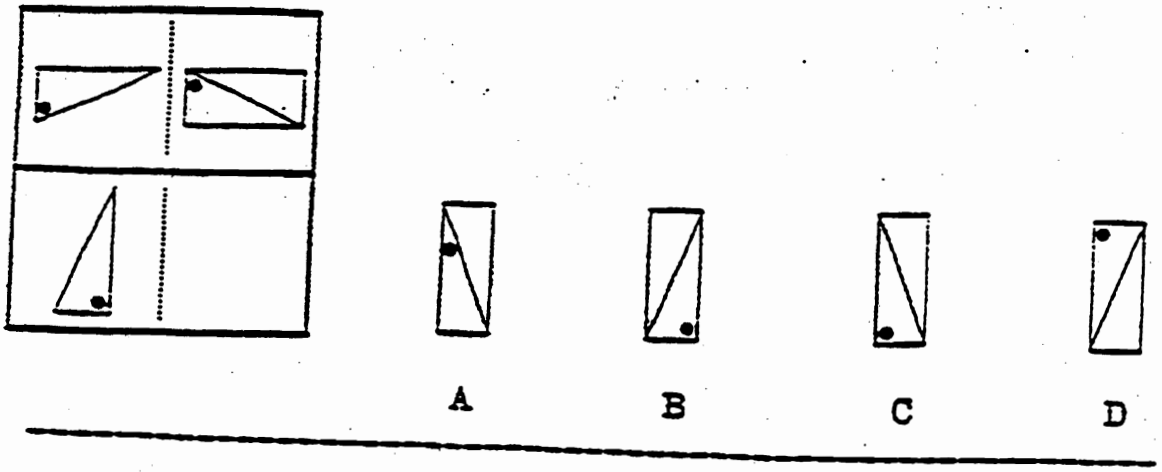



STOP

Part 4

DIRECTIONS

Each question gives you information about a situation involving a high school student. Read each question carefully. Choose the answer that provides the best solution, given the specific situation and desired outcome.

Circle the letter next to the answer you choose.

SAMPLE A

Linda was awarded a scholarship for college that covers all of her expenses except books and supplies. She expects that she will need approximately $1,000 per year. Being financially independent is of utmost importance to her. Which solution is most likely to give her the money she needs and still remain financially independent?

A. Use the money she hopes to receive from graduation gifts instead of spending it on new clothes for college.

(B.) Tell her summer employer that she will work the extra hours offered to earn the money she will need.

C. Take out a student loan.

D. Borrow the money from her parents.

SAMPLE B

John's family moved to Iowa from Arizona during his junior year in high school. He enrolled as a new student in the local high school two months ago but still has not made friends and feels bored and lonely. One of his favorite activities is writing stories. What is likely to be the most effective solution to this problem?

(A.) Volunteer to work on the school newspaper staff.

B. Spend more time at home writing columns for the school newsletter.

C. Try to convince his parents to move back to Arizona.

D. Invite a friend from Arizona to visit during Christmas break.

13. Nancy, a high school senior, wanted to seek information regarding prestigious colleges to which she might apply for a major in mathematics. Which of the following solutions is most likely to provide the best and quickest source of information?

A. Ask both the high school guidance counselor, who is likely to have information about college math programs on file; and your math teacher, who can assess the merits of different programs.

B. Ask the English teacher, who attended a prestigious college and who has two children who also attend prestigious colleges.

C. Consult the local university library to see what information is available from college catalogs and from reference books that compare colleges.

D. Ask the high school guidance counselor, who is likely to have information about college math programs on file.

14. You suspect that your best friend, age 17, has been coming to school intoxicated. Assuming that you want to find the most effective way to help your friend and, if possible, avoid any disciplinary action against him/her, which of the following would be the best solution?

A. Ask your parents for advice even though you are afraid they may inform your friend's parents, and may ask you which of your other friends drink.

B. Ask your friend about his/her drinking habits and suggest that he/she call the substance abuse counselor who recently visited your school.

C. Report your suspicions to a teacher, the guidance counselor, or the school principal and ask that no disciplinary action be taken against your friend.

D. Give your friend some literature on teenage alcoholism, explaining your concerns about the effects of his/her drinking.

15. You want to pursue a career as a professional swimming coach and were expecting to get a job coaching the swim team at a local recreational center this summer. The director informed you that they decided to hire someone else. Which of the following solutions is most likely both to provide you with the most summer income and with the best experience related to your career goals?

A. Continue to apply for jobs as a swim-team coach until you have exhausted all the possibilities. If that plan fails, assume you have tried your best and borrow the money from your parents.

B. Refuse to work this summer unless you get a job coaching a swim team. Instead you could spend the summer practicing your swimming.

C. Talk with your swim coach about opportunities in the community for volunteering as an assistant swim coach and get a full-time night job at a local supermarket.

D. Ask the director if there are still positions available as a lifeguard and hope that once you are there you will be able to demonstrate your talent as a swimming instructor.

16. You are planning a party and want to invite all of your classmates. One of your closest friends tells you that he/she will not come to the party if you invite a person with whom he/she has had repeated disagreements. You suspect that your friend is testing your loyalty. You still want to invite the other person, despite your friend's objections. Assuming you want to assure your friend of your loyalty and not offend the other person, which is the best solution?

A. You don't invite the other person but apologize to him/her and try to explain why you feel like you need to honor your friend's request.

B. You invite the other person and tell your friend that you hope he/she will choose to come anyway.

C. You invite the other person and then discuss your reasons with your friend and try to assure him/her of your loyalty.

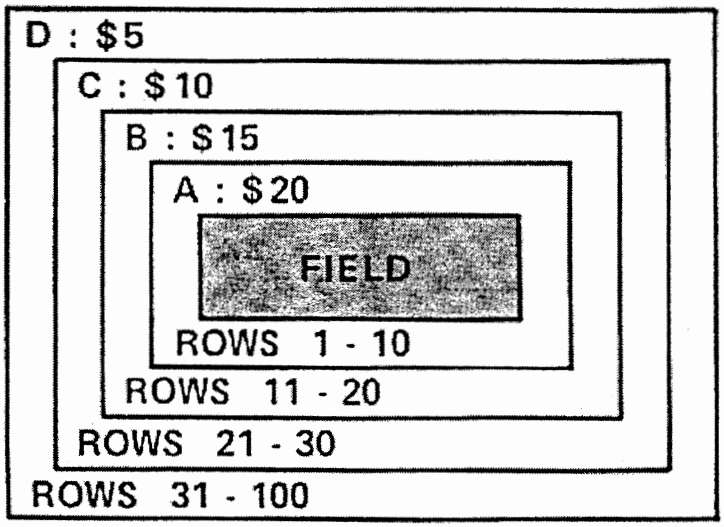
D. You decide to have another party later in the year and invite the other person to that one instead.

**STOP**

**Part 5**

Each question asks you to use information about everyday things. Read each question carefully and choose the best answer.

Circle the letter next to the answer you choose.




SAMPLE A

Tickets to the big game are fast selling out, but a few are still available at prices shown on the above diagram. Jason and his brother get tickets in Section A, but his parents settle for seats in Row 25. How much did the four tickets cost altogether?

A. $40
B. $50
(C) $60
D. $90

SAMPLE B

Mike wants to buy two seats together and is told there are pairs of seats available only in Rows 8, 12, 49, and 95-100. Which of the following is not one of his choices for the total price of the two tickets?

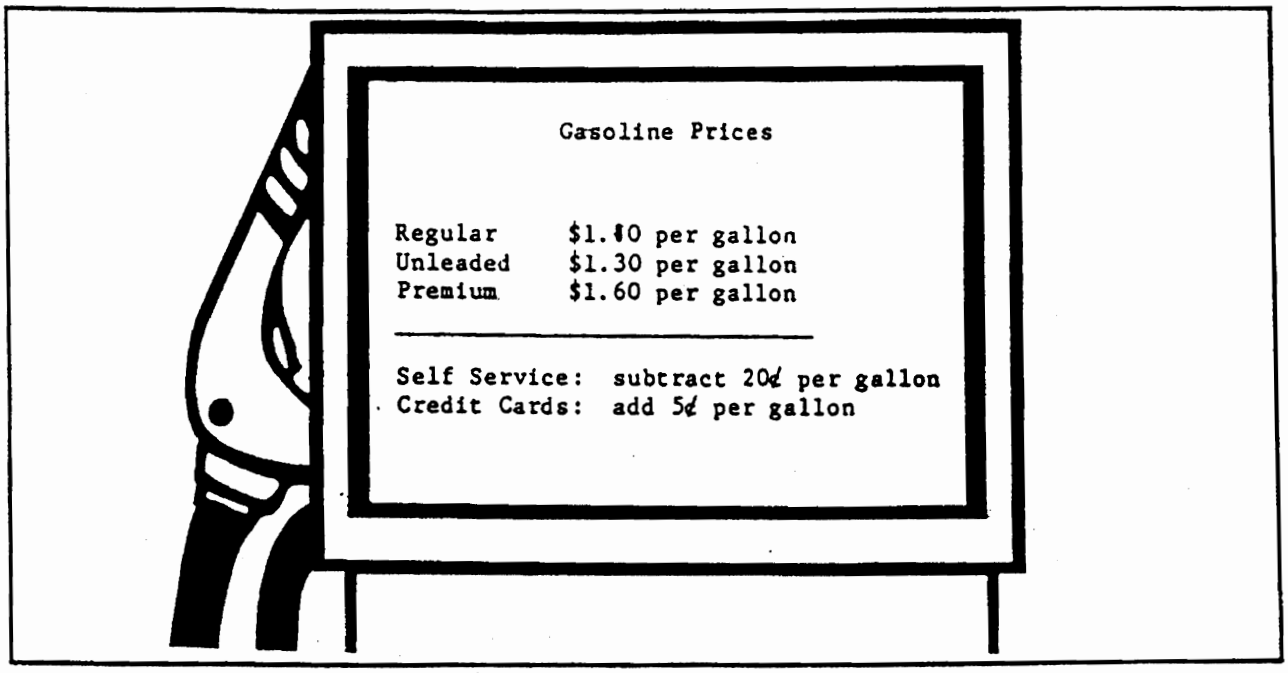
A. $10
(B) $20
C. $30
D. $40

Use the two cookie recipes to answer Question 17.

| Chocolate chip cookies | Pecan cookies |
|---|---|
| 2 sticks butter<br>1 cup sugar<br>2 eggs<br>2 cups flour<br>8 oz. chocolate chips<br>Yields: 36 cookies | 1 stick butter<br>1 cup sugar<br>1 egg<br>1 cup flour<br>1 cup pecans<br>Yields: 24 cookies |

| | |
|---|---|
| 17. You have the following ingredients:<br>4 sticks of butter<br>5 cups of sugar<br>½ dozen eggs<br>7 cups of flour<br>2-8 oz. bags of chocolate chips<br>3 cups of pecans | If you wants to make 6 dozen chocolate chip cookies and 6 dozen pecan cookies, you will also need to purchase:<br>A. 2 sticks of butter and 1 egg<br>B. 2 sticks of butter and 1 cup of flour<br>C. 3 sticks of butter and 1 cup of sugar<br>D. 3 sticks of butter and 1 egg |

Use the table below to answer Question 18




18. Your car uses either "premium" or "unleaded" gas. If you have $15.00, which of the following amounts of gas can you buy?

A. 10 gallons of premium, full service

B. 15 gallons of unleaded, self-service

C. 15 gallons of regular, full service

D. 10 gallons of premium, self-service

Use the table below to answer Questions 19 & 20.

MATH TEST GRADES

| TEST | Linda | Louise |
|---|---|---|
| 1 | 65 | 86 |
| 2 | 84 | 91 |
| 3 | 72 | 88 |

19. If the upcoming final examination counts as much as two test grades, what is the lowest grade Linda can make and still maintain her C average? (C=69.5 to 79.4)

A. 57

B. 58

C. 64

D. 65

20. If the final exam counts as two test grades, and Louise skips the exam, thus receiving a grade of zero, what will her final average be?

A. 44

B. 53

C. 66

D. 88

**STOP**

## Part 6

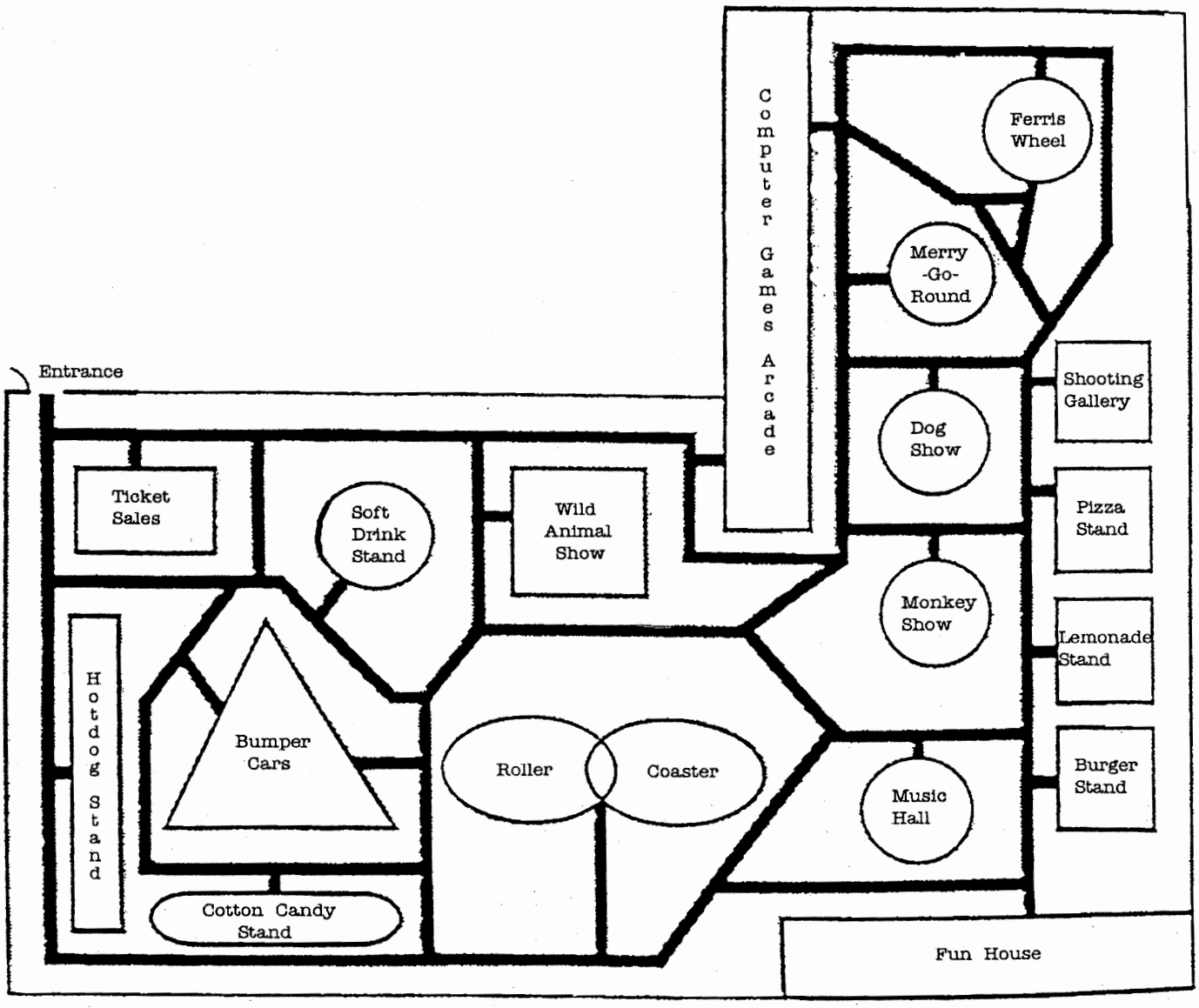
DIRECTIONS:

The following question asks you to find routes on a map and to choose the best route to take. Read the question carefully and choose the best answer.

Circle the letter next to the answer you choose.

---

Below is a map of an entertainment park. To go from one place to another, you must use the streets that are shaded black. Use the map to answer Sample A & B.



SAMPLE A

You are at the Burger Stand. You want to go to the front of Ticket Sales to meet some friends. If you walk the shortest way, you will pass the entrance to the

A. Lemonade Stand and Computer Games Arcade

(B.) Music Hall and Wild Animal Show

C. Music Hall and Soft Drink Stand

D. Monkey Show and Wild Animal Show

SAMPLE B

You walk from the Lemonade Stand to the Computer Games Arcade. Your friend walks from the Shooting Gallery to the Roller Coaster. Which of these will both of you most likely pass?

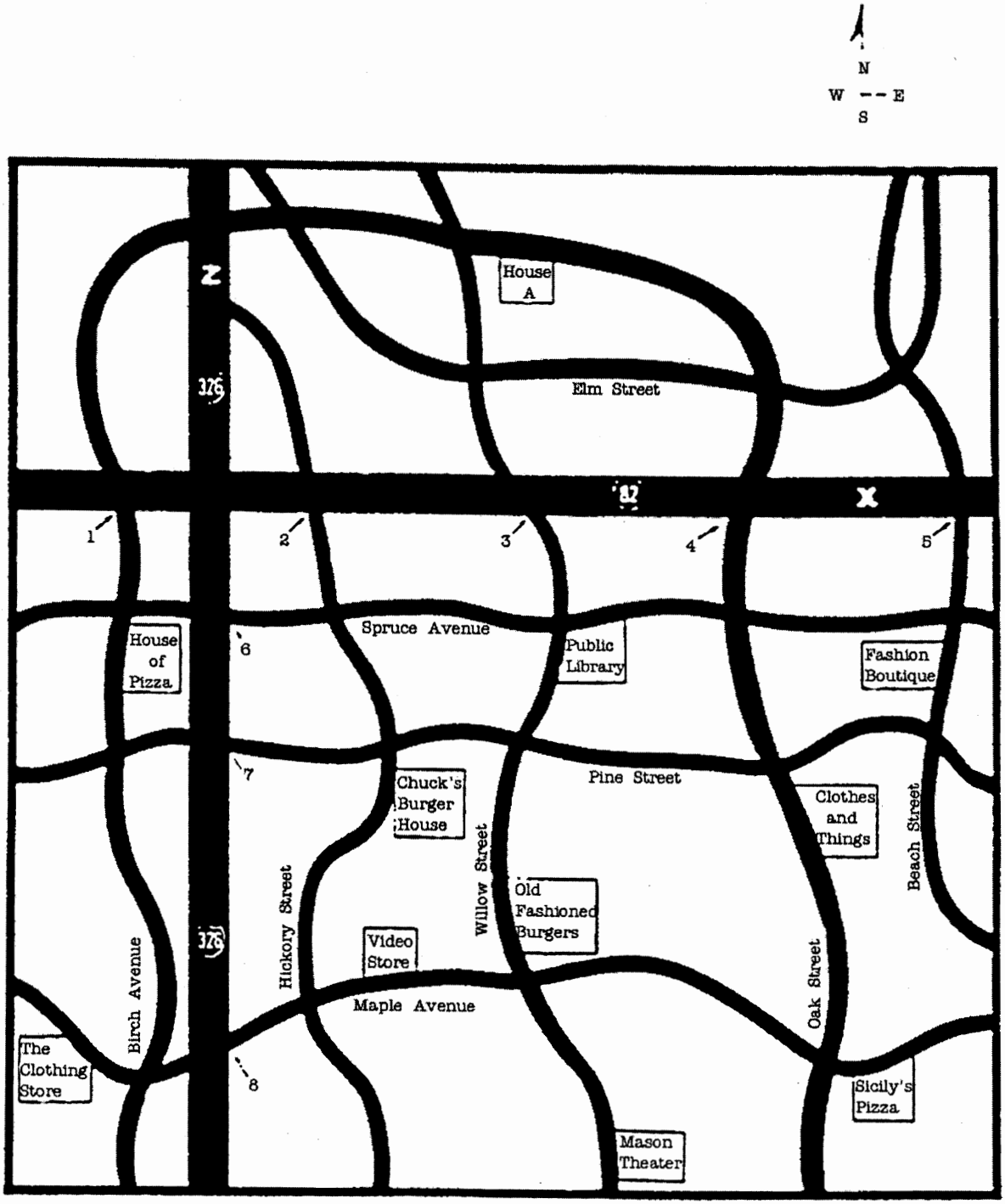
A. Merry-Go-Round

B. Music Hall

(C.) Pizza Stand

D. Dog Show

Below is a map showing a portion of a large city. Use the map to answer Question 21 & 22.



21. Your school club is planning a car wash. You want to have two locations for the car wash. Which of these combinations of locations would probably attract the most customers?

A. Exits 1 and 2

B. Exits 3 and 8

C. Exits 3 and 4

D. Exits 5 and 8

22. After attending a performance at the theater, you want to drive to House A. If you want to avoid the traffic jam at the intersection of Spruce Avenue and Willow Street and take the shortest alternate route, you will drive

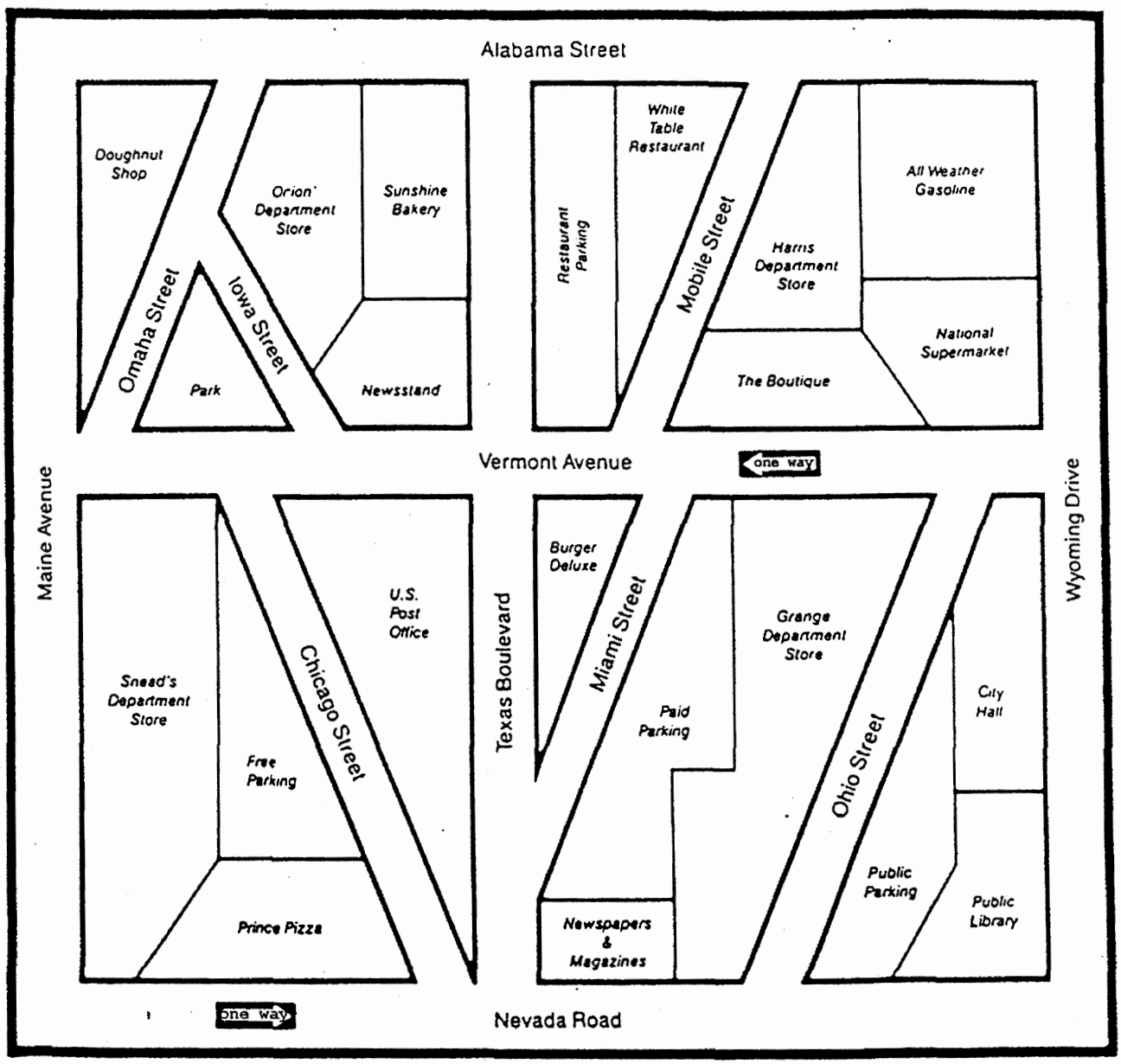
A. west on Maple Avenue to Route 326.

B. west on Pine Street to Hickory Street

C. east on Maple Avenue to Oak Street

D. east on Pine Street to Oak Street

Below is a map of a small town. AN arrow shows the direction a car or truck may travel on a street. If there is no arrow, traffic may go in either direction. Use the map to answer Question 23& 24.



23. You are leaving the Library to meet a friend at the Park. If you walk the shortest route, you will go

A. west on Nevada Road to Texas Boulevard

B. north on Wyoming Drive to Vermont Avenue

C. north on Ohio Street to Vermont Avenue

D. west on Nevada Road to Chicago Street

24. While you are at All Weather Gasoline, a man driving a car asks you for directions to Prince Pizza. If you tell him the simplest way for traffic to go without breaking the law, you will tell him to go

A. south on Wyoming Drive, west on Vermont Avenue, south on Chicago Street

B. south on Wyoming Drive, southwest on Ohio Street, west on Nevada Road

C. west on Alabama Street, south on Maine Avenue, east on Nevada Road

D. west on Alabama Street, south on Texas Boulevard, west on Nevada Road

**STOP**

Part 7

DIRECTIONS

In each question below, there are three underlined words. The first two underlined words go together in a certain way. Choose the word that goes with the third underlined word in the same way that the first two go together.

Each question has a "Pretend" statement. You must suppose that this statement is true. Sometimes the statement will be important in helping you choose the correct answer and sometimes it will not. Think of the statement, and then decide which word goes with the third underlined word in the same way that the first two underlined words go together.

Circle the letter next to the answer you choose.

| SAMPLE A | SAMPLE B |
|---|---|
| Money falls off trees. | Birds live in caves |
| snow is to shovel as dollar is to | fish is to scale as bird is to |
| A. bill | A. tree |
| (B.) rake | B. egg |
| C. bank | (C.) feather |
| D. green | D. nest |

| | |
|---|---|
| 25. Birds sing in choirs.<br>actor is to monologue as canary is to<br>A. robin<br>B. soprano<br>C. solo<br>D. music | 26. Prophets procrastinate.<br>historian is to past as prophet is to<br>A. present<br>B. memory<br>C. future<br>D. delay |
| 27. Colors are audible.<br>flavor is to tongue as shade is to<br>A. ear<br>B. light<br>C. sound<br>D. hue | 28. The sea cries.<br>water is to sand as ocean is to<br>A. salt<br>B. tear<br>C. beach<br>D. sob |

**STOP**

Part 8

DIRECTIONS

In each problem below, you will employ unusual mathematical operations in order to reach the solution. There are two unusual operations: graf and flix. First, read how the operation is defined. Then, decide what is the correct answer to the question.

Circle the letter next to the answer you choose.

There is a new mathematical operation called graf. It is defined as follows:

x graf y = x + y, if x < y

but x graf y =- x – y, if otherwise.

There is a new mathematical operation called flix. It is defined as follows:

a flix b = a + b, if a > b

but a flix b = a x b, if a < b

and a flix b = a + b, if a = b.

---

SAMPLE A

How much is 4 graf 7?

A. –3 B. 3 (C.) 11 D. –11

---

SAMPLE B

How much is 4 flix 7?

(A.) 28 B. 11 C. 3 D. –11

---

29.

How much is 13 graf 5?

A. 5 B. 18 C. 13 D. 8

30.

How much is 3 flix 7½?

A. 10½ B. 21½ C. 22½ D. 4½

31.

How much is 7 graf 7?

A. –7 B. 49 C. 14 D. 0

32.

How much is 100 flix 50?

A. 2 B. 150 C. 1 D. 50

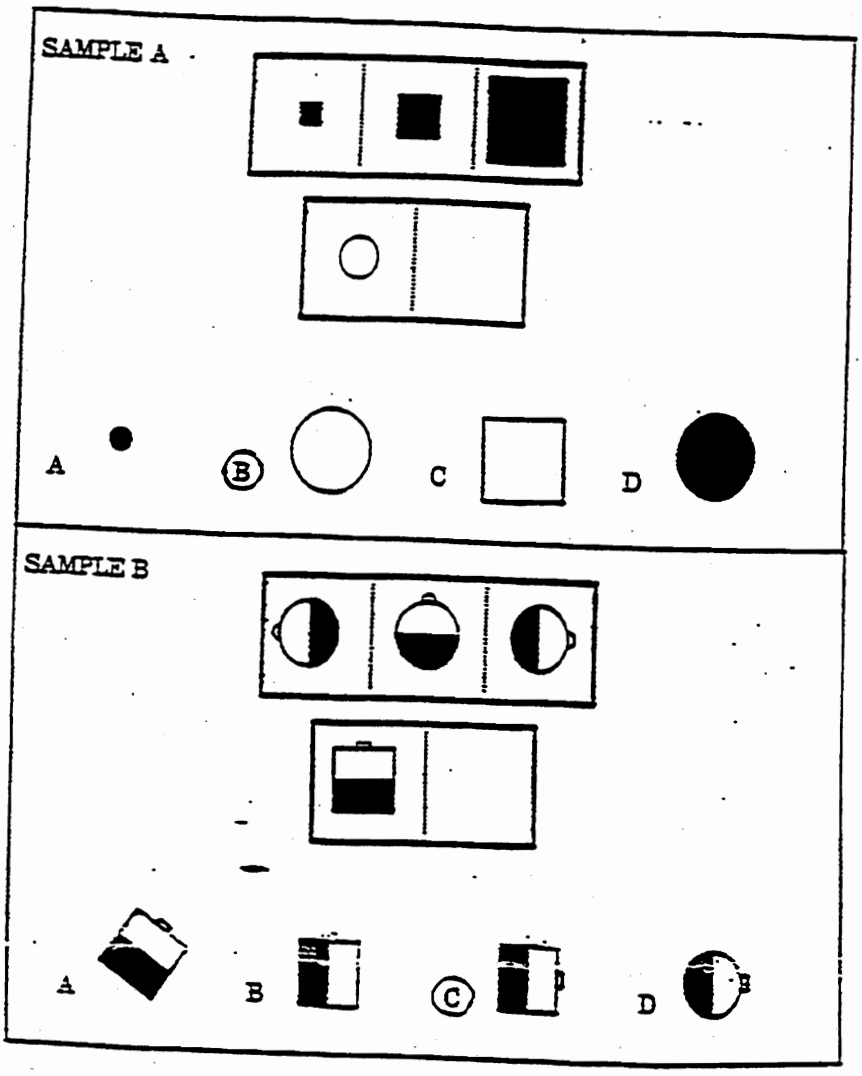
**STOP**

## Part 9

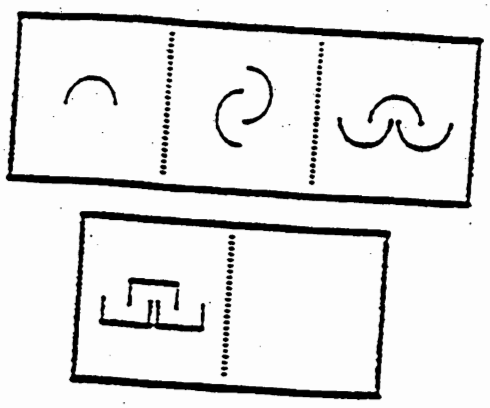
DIRECTIONS

In each question, the shapes in the first row of boxes go together in a certain way to form a pattern. The second row of boxes follows the same pattern. Decide what shape goes in the empty box.

Circle the letter next to the answer you choose.

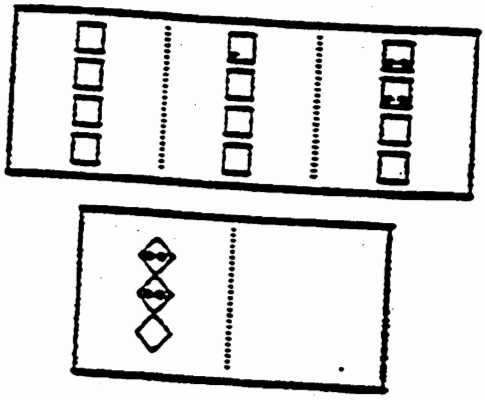


33.



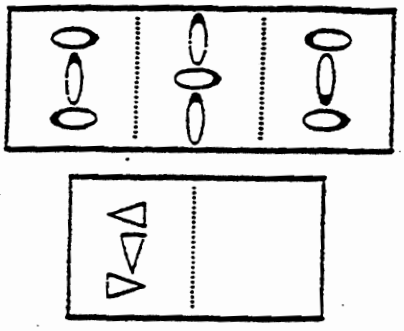
A
B
C
D

34.



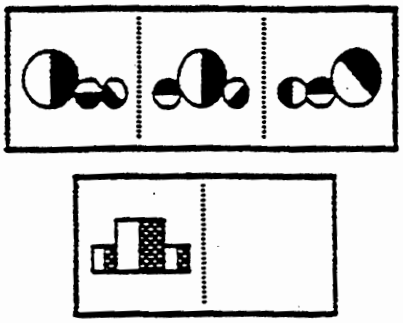
A
B
C
D

35.



A B C D

36.



A B C D

STOP

Part 10

Directions

Write an essay in response to each of the following three questions. You may choose to fill both sides of the paper for each question, but you do not need to make your essays that long. Please do not write more than two pages for each question. You will have up to 15 minutes for each essay.

1. Many high schools now have police or security guards present in the building for security purposes. Analyze this issue: What are the advantages and disadvantages of having extra security people at schools? Are you for or against this practice, and why?

(Part 10, Question 1, continued)

2. Suppose you are the student representative to a committee that has the power and the money to reform your school system. Describe your ideal school system, including buildings, teachers, curriculum, and any other aspects you feel are important.

(Part 10, Question 2, continued)

3. Think of a problem that you are currently experiencing in real life. Briefly describe the problem, including how long it has been present and who else is involved (if anyone). Then describe three different practical things you could do to try to solve the problem.

(Part 10, Question 3, continued)

# Sternberg Triarchic Abilities Test (Modified)

## Level H

Answer Key

Abbreviated Version

1993

**KEY**
**Sternberg Triarchic Abilities Test, Level H**

1. B
2. B
3. A
4. C
5. D
6. A
7. A
8. B
9. B
10. C
11. C
12. C
13. A
14. B
15. C
16. C
17. D
18. A
19. C
20. B
21. B
22. D
23. D
24. A
25. C
26. C
27. A
28. C
29. D
30. C
31. D
32. B
33. A
34. B
35. A
36. A

## STAT SCORING

The test yields three basic scores:

Analytic (Subtests 1-3 multiple-choice) + Analytic Essay
Creative (Subtests 7-9 multiple-choice) + Creative Essay
Practical (Subtests 4-6 multiple-choice) + Practical Essay

Separate scores may also be obtained for

Verbal (Subtest 1, 4, 7)
Quantitative (Subtest 2, 5, 8)
Figural (Subtest 3, 6, 9)

Essay (Subtests 10-12)

## GUIDELINES FOR RATERS

There are three essay questions per student.

Analytical Essay:

1. Many high schools now have police or security guards present in the building for security purposes. Analyze this issue: What are the advantages and disadvantages of having extra security people at schools? Are you for or against this practice, and why?

Creative Essay:

2. Suppose you are the student representative to a committee that has the power and the money to reform your school system. Describe your ideal school system, including buildings, teachers, curriculum, and any other aspects you feel are important.

Practical Essay:

3. Think of a problem that you are currently experiencing in real life. Briefly describe the problem, including how long it has been present and who else is involved (if anyone). Then describe three different practical things you could do to try to solve the problem.

These three essay questions are intended to test three different abilities: practical, creative and analytical. These three abilities are being assessed with reference to R.J. Sternberg's triarchic theory of intelligence.

The essays are scored with two numerical ratings. The numerical ratings go from 1 (minimum) to 9 (maximum). What are they based on?

The first numerical rating should evaluate how creative / analytical / practical the student's response is. The ability to evaluate depends on the question, since different questions target different abilities. To evaluate the response you should keep the following in mind:

- Creative: how innovative or novel is the response? Does it show the ability to imagine and picture? Is there some specificity or descriptive detail? Novelty, particularity or descriptive details should yield higher creative scores.
- Analytical: does the student comprehend and explain? Is the response correct? Does it show the ability to extract meaning from the story?
- Practical: would the student's answer work? Does it make sense? Is it realistic?

The second numerical rating is an overall rating, in which you pretend that you are a teacher and give a rating that balances evaluation of content (is the answer correct? complete?) and expression (is it grammatical? Generally well spelled? Clear or difficult to understand?) For this second rating, pay NO specific attention to the three abilities discussed above.