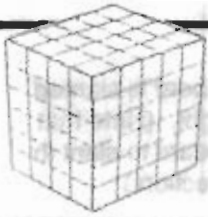


# The Guilford-Zimmerman Aptitude Survey



## Part 5/Spatial Orientation

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Name \_\_\_\_\_ Date \_\_\_\_\_ Score \_\_\_\_\_ Sex: M F

### INSTRUCTIONS.

This is a test of your ability to see changes in direction and position. In each item you are to note how the position of the boat has changed in the second picture from the original position in the first picture.

Here is Sample Item 1.

These bars represent the boat's prow.

This is the correct answer. It shows that the prow of the boat has dropped below the aiming point.

(If the prow had risen, instead of dropped, the correct answer would have been C, instead of D.)

These are the five possible answers to the item.

This is the prow (front end) of a motor boat in which you are riding.

This is the aiming point. It is the exact spot you would see on land if you sighted right over the point of the prow.

This is the same aiming point shown above. Note that the prow has dropped below it.

Sample Item 1

To work each item: First, look at the top picture and see where the motor boat is headed. Second, look at the bottom picture and note the CHANGE in the boat's heading. Third, mark the answer that shows the same change on the separate answer sheet.

Try Sample Item 2.

This also shows that the prow of the boat is to the right of the aiming point. So, it is the correct answer.

(If the boat had turned to the left, instead of to the right, the correct answer would have been A.)

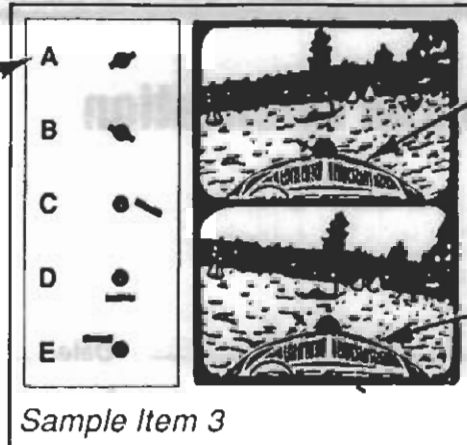
This is the aiming point.

This is the same aiming point. The motor boat is now headed to the right of it.

Sample Item 2

**Now try Sample Item 3.**

This is the correct answer. It shows that the motor boat changed its slant to the left, but is still heading toward the aiming point.



Here the motor boat is slanted slightly to the right. (Note that the horizon appears to slant in the opposite direction.)

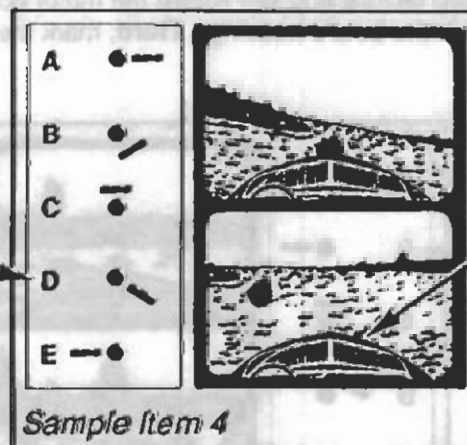
Here the boat has changed its slant toward the left. (To become level, the boat slanted back toward the right.)



Imagine that these pictures were taken with a motion picture camera. The camera is fastened rigidly to the boat so that it bobs up and down and turns and slants with the boat. Thus, when the boat tips or slants to the left (as in the lower sample in SAMPLE ITEM 3), the scene through the camera view finder looks slanted like this.

**Look at Sample Item 4.**

D is the correct answer. It shows that the boat changed its heading both downward and to the right; also that it changed its slant toward the right.



The prow of the boat has moved downward and toward the right. Also, it has changed its slant toward the right.

Now do Practice Items 5, 6, and 7. Record your answers on the separate answer sheet.

The aiming point is not marked in the test items. You must see the change in the boat's position without the aid of the dots.

To review:

First – Look at the top picture. See where the motor boat is headed.

Second – Look at the bottom picture. Note the change in the boat's heading.

Third – Mark the answer that shows the same change (in reference to the aiming point before the change).

<p>A </p> <p>B </p> <p>C </p> <p>D </p> <p>E </p>	 	<p>A </p> <p>B </p> <p>C </p> <p>D </p> <p>E </p>	 	<p>A </p> <p>B </p> <p>C </p> <p>D </p> <p>E </p>	 
Item 5		Item 6		Item 7	

C is the correct answer. The prow appears to have moved to the left and downward. It has not changed its slant.

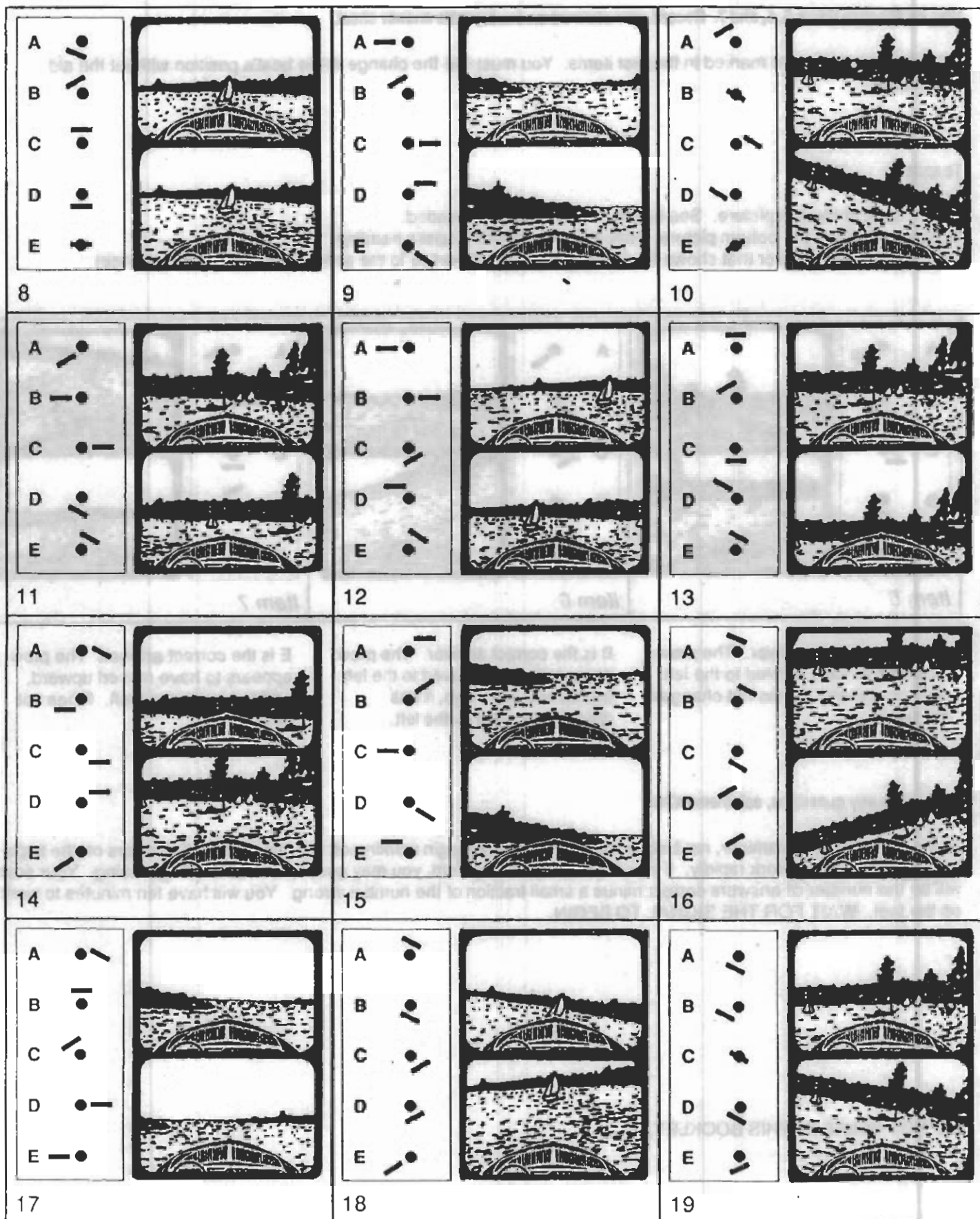
B is the correct answer. The prow appears to have moved to the left and downward. Also, it has changed its slant to the left.

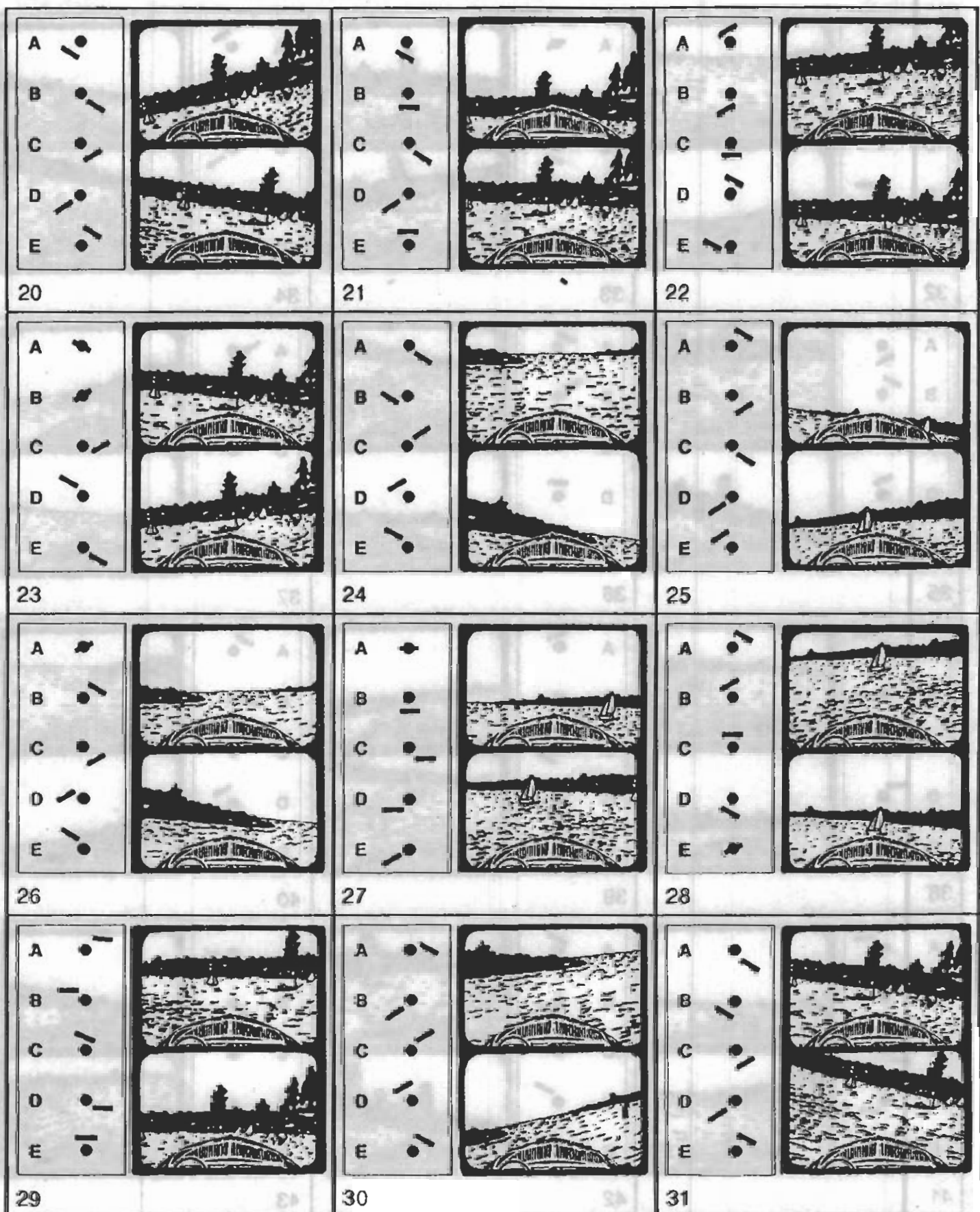
E is the correct answer. The prow appears to have moved upward, and to have tipped left. It has not turned.

If you have any questions, ask them NOW.

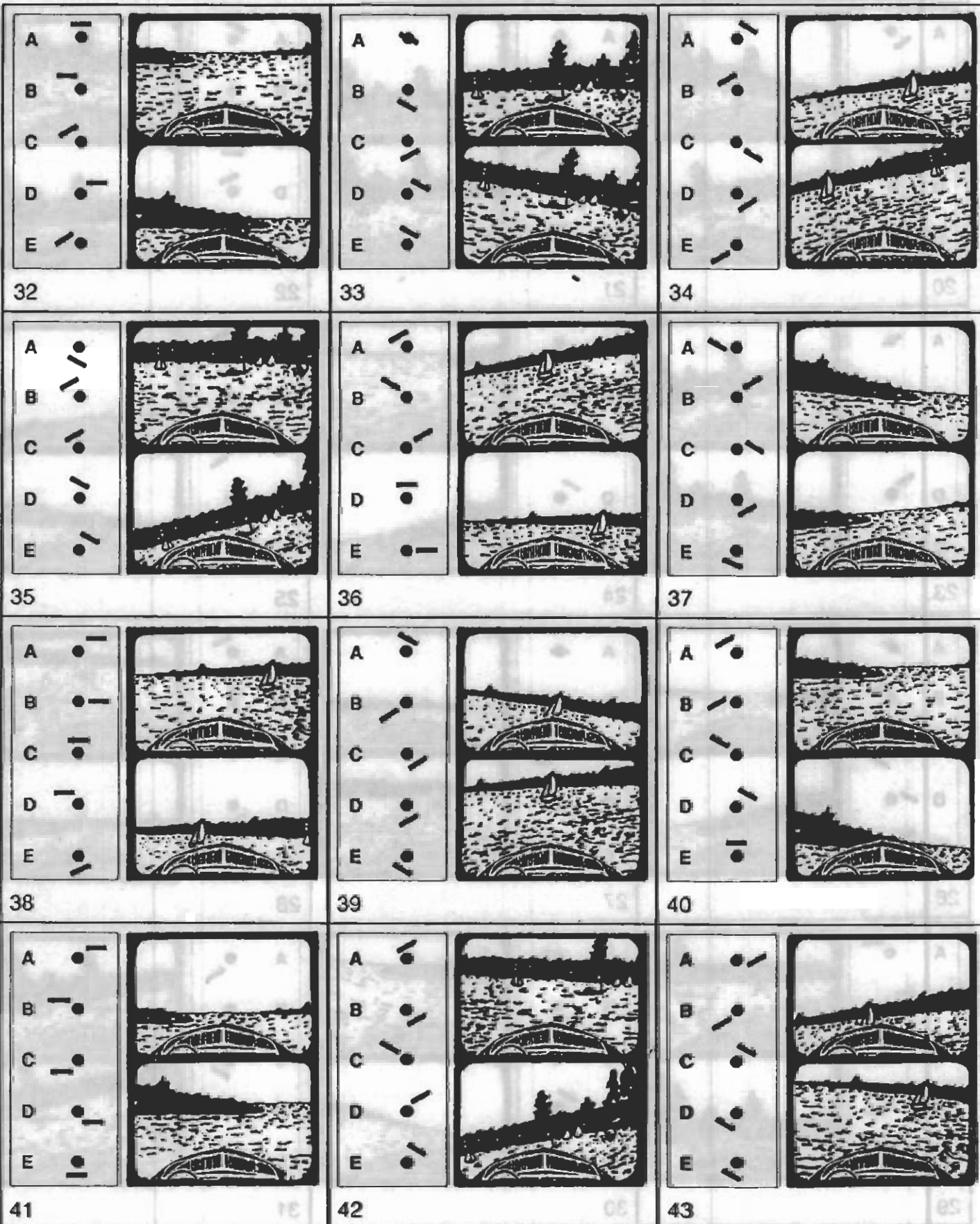
At the signal of the examiner, not before, turn the page and begin working on the test. Mark all answers on the separate answer sheet. Work rapidly. If you are not sure of any item, you may guess, but avoid wild guessing. Your score will be the number of answers correct minus a small fraction of the number wrong. You will have ten minutes to work on the test. WAIT FOR THE SIGNAL TO BEGIN.

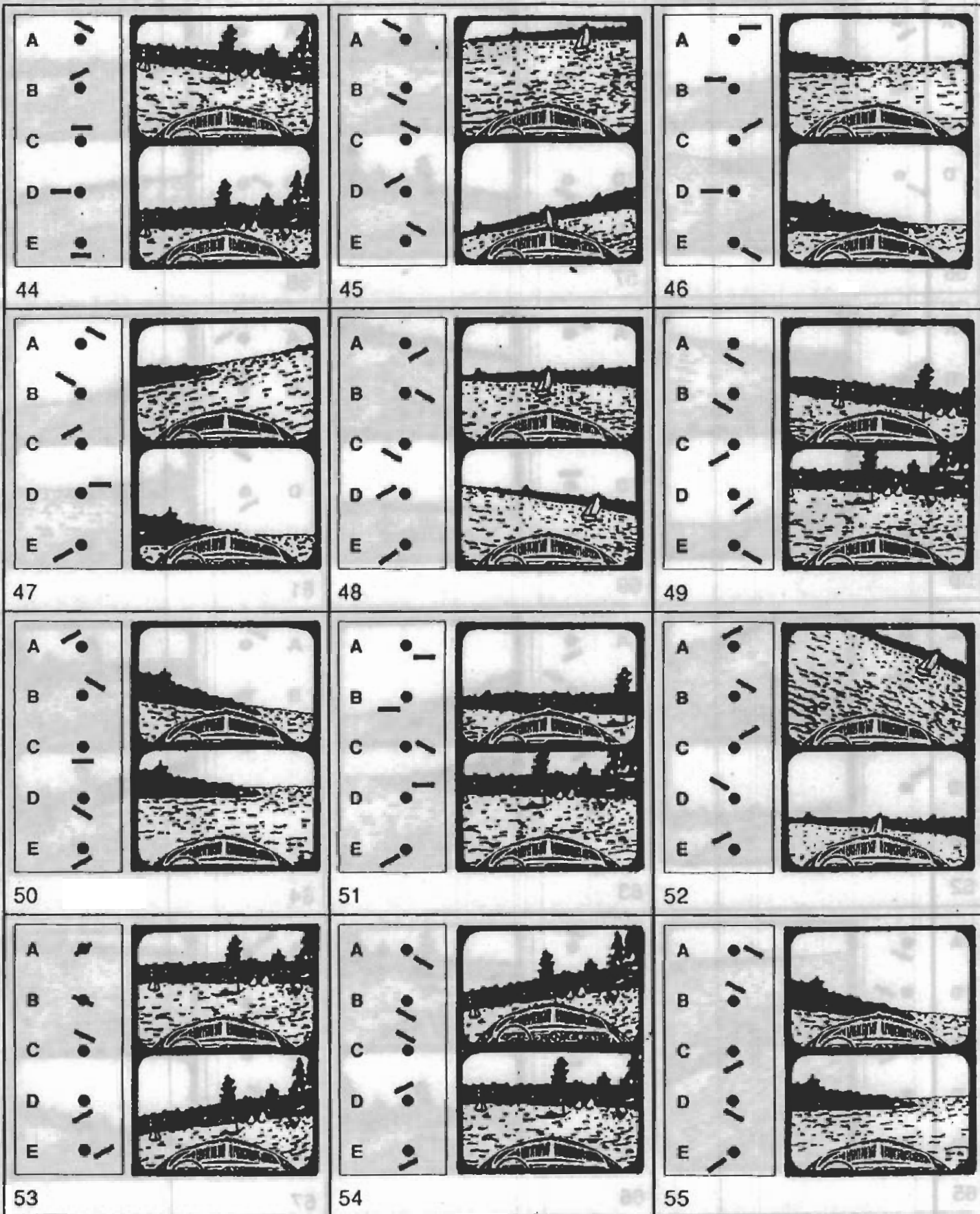
DO NOT WRITE IN THIS BOOKLET.

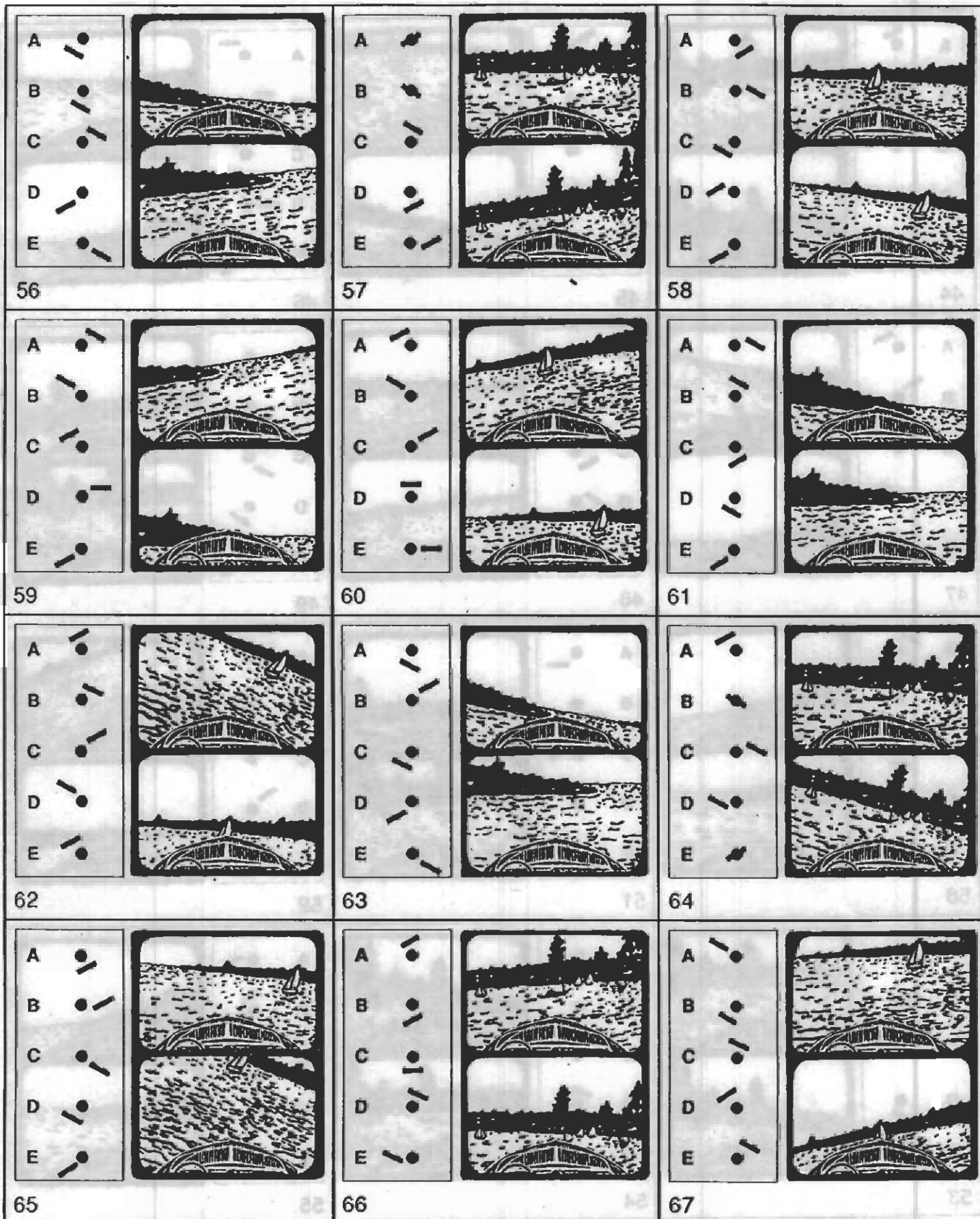














# The Guilford-Zimmerman Aptitude Survey

Part

Title

0045

Name

Date

Sex

Number of years of school completed

☐ Applicant  
☐ Employee

Organization

Group

Job Title

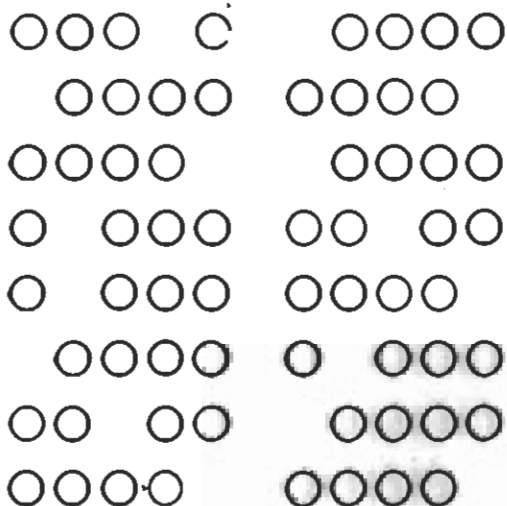
Reprinted 1988 by Consulting Psychologists Press, Inc., 3803 E. Bayshore Road, Palo Alto, CA 94303. 97 95 95 94 10 9 8 7

Score	Rights	Wrongs
Formula Score		

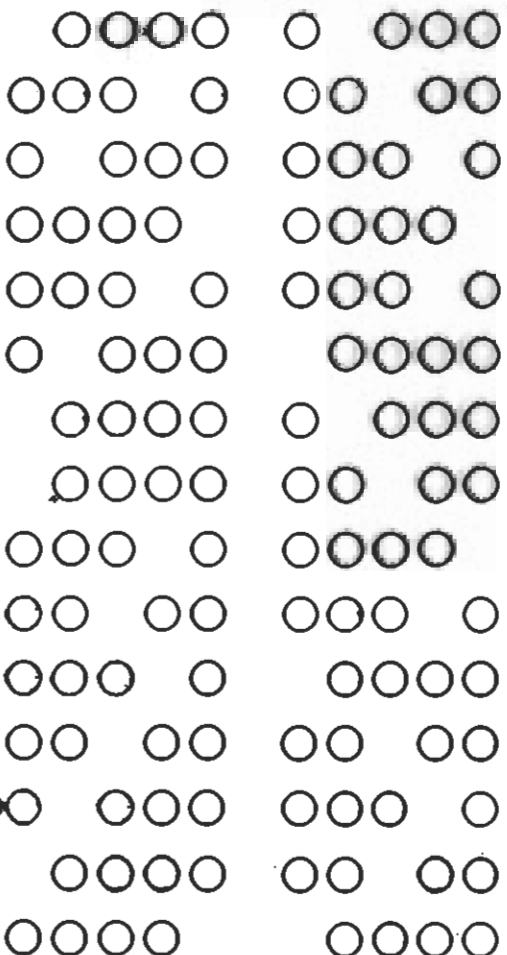
1	A	B	C	D	E	31	A	B	C	D	E	61	A	B	C	D	E	91	A	B	C	D	E	121	A	B	C	D	E
2	A	B	C	D	E	32	A	B	C	D	E	62	A	B	C	D	E	92	A	B	C	D	E	122	A	B	C	D	E
3	A	B	C	D	E	33	A	B	C	D	E	63	A	B	C	D	E	93	A	B	C	D	E	123	A	B	C	D	E
4	A	B	C	D	E	34	A	B	C	D	E	64	A	B	C	D	E	94	A	B	C	D	E	124	A	B	C	D	E
5	A	B	C	D	E	35	A	B	C	D	E	65	A	B	C	D	E	95	A	B	C	D	E	125	A	B	C	D	E
6	A	B	C	D	E	36	A	B	C	D	E	66	A	B	C	D	E	96	A	B	C	D	E	126	A	B	C	D	E
7	A	B	C	D	E	37	A	B	C	D	E	67	A	B	C	D	E	97	A	B	C	D	E	127	A	B	C	D	E
8	A	B	C	D	E	38	A	B	C	D	E	68	A	B	C	D	E	98	A	B	C	D	E	128	A	B	C	D	E
9	A	B	C	D	E	39	A	B	C	D	E	69	A	B	C	D	E	99	A	B	C	D	E	129	A	B	C	D	E
10	A	B	C	D	E	40	A	B	C	D	E	70	A	B	C	D	E	100	A	B	C	D	E	130	A	B	C	D	E
11	A	B	C	D	E	41	A	B	C	D	E	71	A	B	C	D	E	101	A	B	C	D	E	131	A	B	C	D	E
12	A	B	C	D	E	42	A	B	C	D	E	72	A	B	C	D	E	102	A	B	C	D	E	132	A	B	C	D	E
13	A	B	C	D	E	43	A	B	C	D	E	73	A	B	C	D	E	103	A	B	C	D	E	133	A	B	C	D	E
14	A	B	C	D	E	44	A	B	C	D	E	74	A	B	C	D	E	104	A	B	C	D	E	134	A	B	C	D	E
15	A	B	C	D	E	45	A	B	C	D	E	75	A	B	C	D	E	105	A	B	C	D	E	135	A	B	C	D	E
Be sure your marks are heavy and dark. Erase completely any answer you wish to change.																													
16	A	B	C	D	E	46	A	B	C	D	E	76	A	B	C	D	E	106	A	B	C	D	E	136	A	B	C	D	E
17	A	B	C	D	E	47	A	B	C	D	E	77	A	B	C	D	E	107	A	B	C	D	E	137	A	B	C	D	E
18	A	B	C	D	E	48	A	B	C	D	E	78	A	B	C	D	E	108	A	B	C	D	E	138	A	B	C	D	E
19	A	B	C	D	E	49	A	B	C	D	E	79	A	B	C	D	E	109	A	B	C	D	E	139	A	B	C	D	E
20	A	B	C	D	E	50	A	B	C	D	E	80	A	B	C	D	E	110	A	B	C	D	E	140	A	B	C	D	E
21	A	B	C	D	E	51	A	B	C	D	E	81	A	B	C	D	E	111	A	B	C	D	E	141	A	B	C	D	E
22	A	B	C	D	E	52	A	B	C	D	E	82	A	B	C	D	E	112	A	B	C	D	E	142	A	B	C	D	E
23	A	B	C	D	E	53	A	B	C	D	E	83	A	B	C	D	E	113	A	B	C	D	E	143	A	B	C	D	E
24	A	B	C	D	E	54	A	B	C	D	E	84	A	B	C	D	E	114	A	B	C	D	E	144	A	B	C	D	E
25	A	B	C	D	E	55	A	B	C	D	E	85	A	B	C	D	E	115	A	B	C	D	E	145	A	B	C	D	E
26	A	B	C	D	E	56	A	B	C	D	E	86	A	B	C	D	E	116	A	B	C	D	E	146	A	B	C	D	E
27	A	B	C	D	E	57	A	B	C	D	E	87	A	B	C	D	E	117	A	B	C	D	E	147	A	B	C	D	E
28	A	B	C	D	E	58	A	B	C	D	E	88	A	B	C	D	E	118	A	B	C	D	E	148	A	B	C	D	E
29	A	B	C	D	E	59	A	B	C	D	E	89	A	B	C	D	E	119	A	B	C	D	E	149	A	B	C	D	E
30	A	B	C	D	E	60	A	B	C	D	E	90	A	B	C	D	E	120	A	B	C	D	E	150	A	B	C	D	E

# The Guilford-Zimmerman Aptitude Survey Part 3/Spatial Orientation

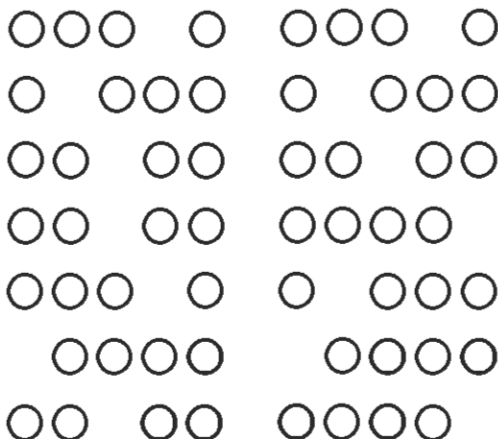
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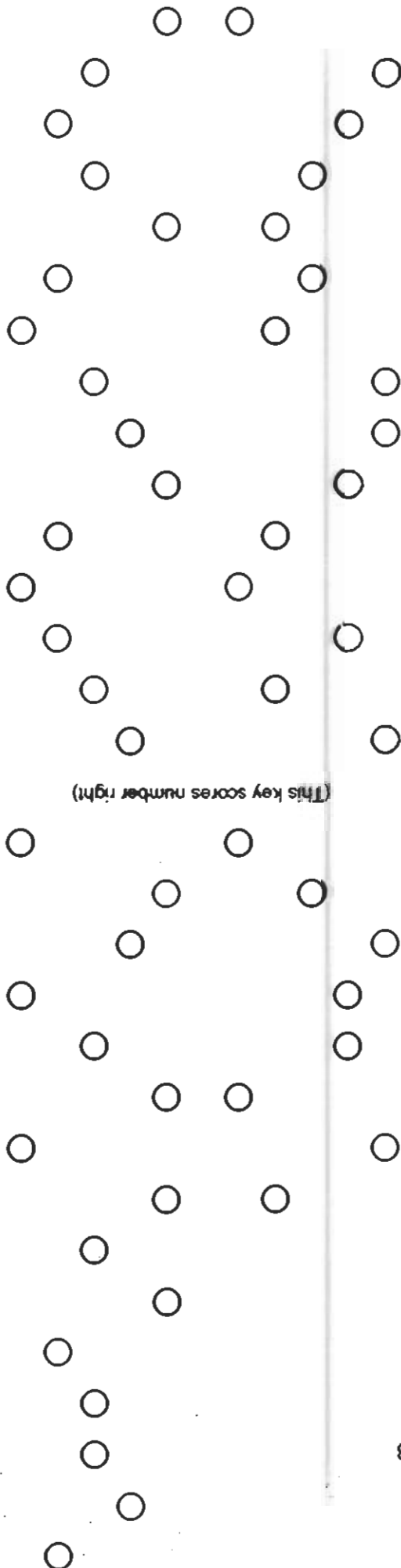
(This key scores number wrong)



29



(This key scores number right)



29

3

# The Guilford-Zimmerman Aptitude Survey

Name \_\_\_\_\_ Date \_\_\_\_\_ Sex \_\_\_\_\_

Organization \_\_\_\_\_ Group \_\_\_\_\_ Job Title \_\_\_\_\_

College Men													College Women												
% tile	T Score	VC	GR	NO	PS	SO	SV	VC	GR	NO	PS	SO	SV	T Score	% tile	VC	GR	NO	PS	SO	SV	T Score	% tile		
99.8	80	67 64		128 120	72 70	50 46	39 36	68 63	22 20	112 103		37 34		80	99.8										
97.7	70	58	24	110	65	41	32	56	18	94	68	30	21	70	97.7										
		51	21	100	60	36	28	50	15	85	63	26	18												
84.1	60	45	18	90	56	31	25	43	13	76	58	21	15	60	84.1										
		38	15	80	51	26	21	37	11	67	53	17	12												
50.0	50	32	12	70	46	21	17	30	9	57	48	13	9	50	50.0										
		25	10	60	41	15	13	24	6	48	43	8	6												
15.9	40	19	7	50	36	10	10	18	4	39	39	4	3	40	15.9										
		12	4	40	31	5	6	11	2	30	34	0	0												
2.3	30	6	1	30	26	0	2	5	0	21	29	-5	-3	30	2.3										
			-1	20	21	-5	-2			11	24														
0.2	20			15	17					4	21			20	0.2										

Raw Scores

Notes:

# The Guilford-Zimmerman Aptitude Survey

Name \_\_\_\_\_ Date \_\_\_\_\_ Sex \_\_\_\_\_

Organization \_\_\_\_\_ Group \_\_\_\_\_ Job Title \_\_\_\_\_

College Men												College Women											
% tile	T Score	VC	GR	NO	PS	SO	SV	VC	GR	NO	PS	SO	SV	T Score	% tile								
99.8	80	67		128	72	50	39	68	22	112		37		80	99.8								
		64	26	120	70	46	36	63	20	103	72	34	24										
97.7	70	58	24	110	65	41	32	56	18	94	68	30	21	70	97.7								
		51	21	100	60	36	28	50	15	85	63	26	18										
84.1	60	45	18	90	56	31	25	43	13	76	58	21	15	60	84.1								
		38	15	80	51	26	21	37	11	67	53	17	12										
50.0	50	32	12	70	46	21	17	30	9	57	48	13	9	50	50.0								
		25	10	60	41	15	13	24	6	48	43	8	6										
15.9	40	19	7	50	36	10	10	18	4	39	39	4	3	40	15.9								
		12	4	40	31	5	6	11	2	30	34	0	0										
2.3	30	6	1	30	26	0	2	5	0	21	29	-5	-3	30	2.3								
			-1	20	21	-5	-2			11	24												
0.2	20			15	17					4	21			20	0.2								

Raw Scores \_\_\_\_\_

Notes: \_\_\_\_\_