

Report to: All Nebraska Schools

From: Department of Mathematics
University of Nebraska Lincoln

Summary of the results of the
TEST OF PREPARATION FOR
COLLEGE MATHEMATICS

Number of Schools Participating: 67

Number of Students Examined: 3908

2005-2006

EXAM A

Gender	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
MALE	74	322	860	81	1337	11.2	14.5	12.8	14.2	13.2
FEMALE	63	285	763	72	1183	10.6	13.8	12.2	12.9	12.6
?	13	22	61	1	97	14.2	11.5	10.2	16.0	11.1
ALL	150	629	1684	154	2617	11.2	14.1	12.5	13.6	12.8

EXAM B

Gender	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
MALE	11	121	445	130	707	16.8	15.0	15.1	13.3	14.8
FEMALE	0	43	375	110	528	0.0	12.2	14.3	12.7	13.8
?	3	11	37	5	56	22.0	11.5	13.0	8.6	12.8
ALL	14	175	857	245	1291	17.9	14.1	14.6	13.0	14.3

EXAM A

Future	Student Count by Grade						Average Score				
	9	10	11	12	All		9	10	11	12	All
NE 4-yr	70	291	649	89	1099		12.5	14.5	14.1	14.4	14.2
Other 4-yr	34	168	236	17	455		10.9	16.1	14.0	14.0	14.5
2-yr Tech	12	54	214	31	311		7.7	11.2	12.0	13.1	11.8
Military	3	21	37	4	65		12.7	9.5	11.0	10.3	10.6
Undecided	31	88	544	12	675		9.6	12.3	10.1	10.0	10.3
None	0	7	4	1	12		0.0	6.7	8.3	9.0	7.4

EXAM B

Future	Student Count by Grade						Average Score				
	9	10	11	12	All		9	10	11	12	All
NE 4-yr	1	75	434	139	649		25.0	13.1	15.1	13.8	14.6
Other 4-yr	12	84	166	40	302		16.8	15.3	17.9	12.8	16.5
2-yr Tech	0	2	61	51	114		0.0	10.0	9.1	11.1	10.0
Military	0	5	23	3	31		0.0	10.6	12.7	11.3	12.3
Undecided	1	9	169	10	189		25.0	13.6	12.7	13.1	12.8
None	0	0	4	2	6		0.0	0.0	11.5	10.0	11.0

EXAM A

Score Distribution by Grade and Gender

SCORE	9			10			11			12			ALL		
	M	F	?	M	F	?	M	F	?	M	F	?	M	F	?
27	0	0	0	6	1	0	1	2	0	0	1	0	7	4	0
26	1	0	1	5	2	0	5	3	0	1	0	0	12	5	1
25	0	0	0	5	4	0	3	6	1	3	1	0	11	11	1
24	1	1	0	8	6	0	9	9	0	1	1	0	19	17	0
23	0	1	0	9	6	0	9	11	0	3	1	0	21	19	0
22	0	4	0	14	6	0	16	16	1	2	2	0	32	28	1
21	0	0	0	18	11	0	21	19	0	4	3	0	43	33	0
20	0	0	0	6	12	1	36	15	0	0	2	0	42	29	1
19	3	1	0	14	12	0	29	27	2	4	5	0	50	45	2
18	3	2	0	24	23	1	39	28	1	4	2	0	70	55	2
17	6	0	1	21	21	2	39	33	3	4	3	0	70	57	6
16	5	1	1	16	13	1	69	31	0	6	2	1	96	47	3
15	3	3	4	14	19	1	55	57	7	6	3	0	78	82	12
14	1	4	1	15	10	1	52	41	1	4	3	0	72	58	3
13	3	2	0	21	15	3	66	45	2	9	6	0	99	68	5
12	3	4	1	14	11	1	61	57	6	4	4	0	82	76	8
11	6	4	2	21	24	1	53	62	5	4	4	0	84	94	8
10	5	6	0	11	14	2	52	48	4	4	8	0	72	76	6
9	6	5	1	10	14	1	50	55	6	5	7	0	71	81	8
8	12	3	1	20	14	1	45	35	2	3	4	0	80	56	4
7	7	4	0	14	17	2	34	36	1	3	0	0	58	57	3
6	3	6	0	16	12	2	45	36	2	1	1	0	65	55	4
5	0	4	0	7	6	2	30	34	10	4	3	0	41	47	12
4	1	5	0	10	6	0	18	25	2	2	1	0	31	37	2
3	4	2	0	3	4	0	13	22	1	0	4	0	20	32	1
2	1	1	0	0	2	0	5	8	2	0	1	0	6	12	2
1	0	0	0	0	0	0	3	0	1	0	0	0	3	0	1
0	0	0	0	0	0	0	2	2	1	0	0	0	2	2	1

EXAM B

Score Distribution by Grade and Gender

SCORE	9			10			11			12			ALL		
	M	F	?	M	F	?	M	F	?	M	F	?	M	F	?
27	0	0	0	0	0	0	4	2	0	0	0	0	4	2	0
26	0	0	1	6	0	0	4	7	1	2	0	0	12	7	2
25	2	0	1	6	1	0	14	7	0	0	1	0	22	9	1
24	0	0	0	3	0	0	23	11	1	4	4	0	30	15	1
23	0	0	0	4	0	1	20	9	1	0	1	0	24	10	2
22	0	0	0	4	0	0	20	13	0	1	0	0	25	13	0
21	0	0	0	5	1	0	23	20	1	5	1	0	33	22	1
20	0	0	0	3	1	0	20	16	3	9	6	0	32	23	3
19	0	0	0	1	0	0	27	18	2	7	1	0	35	19	2
18	1	0	0	2	1	0	27	24	4	7	4	0	37	29	4
17	1	0	0	6	1	0	24	17	1	5	6	0	36	24	1
16	2	0	0	7	2	0	24	27	2	4	10	0	37	39	2
15	1	0	1	8	4	0	28	24	0	17	4	1	54	32	2
14	2	0	0	11	4	1	20	13	0	3	4	0	36	21	1
13	1	0	0	6	4	2	16	15	0	5	9	0	28	28	2
12	1	0	0	14	4	0	8	15	3	6	10	1	29	29	4
11	0	0	0	13	6	2	16	22	1	6	5	0	35	33	3
10	0	0	0	3	2	1	17	19	4	11	17	0	31	38	5
9	0	0	0	4	1	2	18	19	3	10	5	1	32	25	6
8	0	0	0	3	7	1	21	12	3	7	6	0	31	25	4
7	0	0	0	8	2	0	21	12	2	6	8	0	35	22	2
6	0	0	0	2	1	1	15	20	0	5	3	1	22	24	2
5	0	0	0	0	1	0	10	10	1	5	1	0	15	12	1
4	0	0	0	0	0	0	10	12	1	3	2	0	13	14	1
3	0	0	0	0	0	0	8	7	2	2	2	0	10	9	2
2	0	0	0	1	0	0	2	2	0	0	0	0	3	2	0
1	0	0	0	0	0	0	5	0	0	0	0	1	5	0	1
0	0	0	0	1	0	0	0	2	1	0	0	0	1	2	1

EXAM A

Students HAVE TAKEN Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	33	239	714	56	1042	12.3	14.6	11.8	13.2	12.5
Pre-Algebra	58	305	1001	82	1446	10.1	14.7	12.0	13.1	12.6
Algebra 1	131	549	1508	148	2336	10.6	13.6	12.6	13.8	12.8
Algebra 2	60	498	1387	143	2088	13.9	13.8	12.7	13.9	13.1
Geometry 1	71	569	1437	148	2225	14.0	14.4	12.8	13.9	13.3
Geometry 2	4	362	1056	142	1564	14.0	16.3	13.7	14.0	14.3
Algebra 3	24	360	1113	136	1633	17.9	16.5	14.1	14.4	14.7
Algebra 4	1	13	233	98	345	14.0	14.7	15.1	15.2	15.1
Trigonometry	1	0	19	33	53	14.0	0.0	14.6	16.8	16.0
Pre-Calculus	0	0	0	1	1	0.0	0.0	0.0	13.0	13.0
Calculus	0	0	0	3	3	0.0	0.0	0.0	16.7	16.7
Other	0	1	9	11	21	0.0	8.0	8.2	12.6	10.5

EXAM A

Students NOW TAKING Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	0	0	24	0	24	0.0	0.0	8.1	0.0	8.1
Pre-Algebra	0	0	5	0	5	0.0	0.0	7.8	0.0	7.8
Algebra 1	0	0	36	0	36	0.0	0.0	7.7	0.0	7.7
Algebra 2	72	51	99	3	225	7.8	14.9	12.8	9.0	11.7
Geometry 1	0	13	39	1	53	0.0	10.4	9.5	11.0	9.8
Geometry 2	67	190	307	6	570	13.5	10.3	9.0	10.7	10.0
Algebra 3	0	32	87	11	130	0.0	11.8	9.8	8.1	10.2
Algebra 4	23	351	908	39	1321	18.0	16.5	13.7	12.2	14.5
Trigonometry	0	18	106	50	174	0.0	15.6	16.5	14.6	15.8
Pre-Calculus	0	3	64	1	68	0.0	11.3	16.2	9.0	15.9
Calculus	1	4	48	49	102	14.0	12.3	13.9	16.3	15.0
Other	0	7	22	3	32	0.0	9.6	10.0	8.7	9.8

EXAM A

Students NOT TAKEN Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	117	390	946	98	1551	10.9	13.7	13.1	13.9	13.1
Pre-Algebra	92	324	678	72	1166	11.8	13.5	13.1	14.3	13.2
Algebra 1	19	80	140	6	245	15.0	17.4	11.9	9.8	13.9
Algebra 2	18	80	198	8	304	15.4	14.8	10.8	10.0	12.1
Geometry 1	79	47	208	5	339	8.7	10.6	10.6	7.6	10.1
Geometry 2	79	77	321	6	483	9.1	12.9	11.8	8.2	11.5
Algebra 3	126	237	484	7	854	9.9	10.7	9.3	7.9	9.7
Algebra 4	126	265	543	17	951	9.9	10.8	9.2	8.0	9.7
Trigonometry	149	611	1559	71	2390	11.2	14.0	12.2	11.5	12.6
Pre-Calculus	150	626	1620	152	2548	11.2	14.1	12.3	13.7	12.8
Calculus	149	625	1636	102	2512	11.2	14.1	12.4	12.3	12.7
Other	150	621	1653	140	2564	11.2	14.1	12.5	13.8	12.9

EXAM B

Students HAVE TAKEN Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	14	123	369	102	608	17.9	14.7	14.7	12.4	14.4
Pre-Algebra	14	132	521	152	819	17.9	14.9	15.4	12.8	14.9
Algebra 1	14	157	814	240	1225	17.9	14.3	14.6	13.0	14.3
Algebra 2	14	155	790	240	1199	17.9	14.4	14.8	13.0	14.5
Geometry 1	14	164	810	239	1227	17.9	14.1	15.1	13.0	14.6
Geometry 2	14	166	730	238	1148	17.9	14.1	15.2	13.0	14.6
Algebra 3	5	127	728	239	1099	23.0	14.5	14.9	13.1	14.5
Algebra 4	4	73	574	220	871	25.3	17.1	16.9	13.5	16.1
Trigonometry	4	13	269	117	403	25.3	23.1	17.8	14.6	17.1
Pre-Calculus	0	7	81	49	137	0.0	20.0	19.1	17.0	18.4
Calculus	0	0	0	3	3	0.0	0.0	0.0	20.0	20.0
Other	0	0	12	8	20	0.0	0.0	11.9	15.4	13.3

EXAM B

Students NOW TAKING Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Pre-Algebra	0	0	1	0	1	0.0	0.0	6.0	0.0	6.0
Algebra 1	0	0	1	0	1	0.0	0.0	6.0	0.0	6.0
Algebra 2	0	1	21	0	22	0.0	6.0	7.3	0.0	7.2
Geometry 1	0	0	2	0	2	0.0	0.0	6.0	0.0	6.0
Geometry 2	0	4	14	0	18	0.0	11.8	9.1	0.0	9.7
Algebra 3	9	35	3	0	47	15.1	12.5	8.7	0.0	12.8
Algebra 4	10	96	154	16	276	15.0	12.0	7.3	8.6	9.3
Trigonometry	0	60	283	78	421	0.0	15.6	15.6	11.2	14.8
Pre-Calculus	4	28	476	128	636	25.3	23.1	17.6	13.3	17.0
Calculus	0	0	32	30	62	0.0	0.0	17.2	18.1	17.7
Other	0	0	18	21	39	0.0	0.0	12.2	16.0	14.2

EXAM B

Students NOT TAKEN Classes Listed in Column

Classwork	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
General Math	0	52	488	143	683	0.0	12.7	14.6	13.4	14.2
Pre-Algebra	0	43	335	93	471	0.0	11.5	13.5	13.3	13.3
Algebra 1	0	18	42	5	65	0.0	12.2	16.3	10.8	14.7
Algebra 2	0	19	46	5	70	0.0	12.1	14.8	10.8	13.8
Geometry 1	0	11	45	6	62	0.0	13.9	7.5	11.0	9.0
Geometry 2	0	5	113	7	125	0.0	16.0	11.8	10.6	11.9
Algebra 3	0	13	126	6	145	0.0	14.2	13.3	9.2	13.2
Algebra 4	0	6	129	9	144	0.0	11.5	13.2	8.9	12.9
Trigonometry	10	102	305	50	467	15.0	12.1	11.0	11.8	11.4
Pre-Calculus	10	140	300	68	518	15.0	12.0	8.8	9.5	9.9
Calculus	14	175	825	212	1226	17.9	14.1	14.5	12.1	14.1
Other	14	175	827	216	1232	17.9	14.1	14.7	12.6	14.3

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination A

Tabulation of Responses by All 2617 Students
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	7.3	3.9	5.8	79.3*	3.3	0.3	0.0
2	21.2	15.2	56.7*	4.9	1.5	0.3	0.1
3	75.2*	9.6	7.4	3.3	3.7	0.8	0.0
4	12.2	10.7	6.3	2.3	67.6*	0.8	0.1
5	51.9*	19.5	9.6	14.6	3.6	0.8	0.0
6	38.9*	10.5	14.2	28.6	4.9	2.7	0.1
7	20.3	9.1	46.5*	15.3	8.1	0.6	0.2
8	7.1	17.3	14.9	19.2	39.2*	2.1	0.1
9	20.3	5.3	11.7	54.8*	5.5	2.3	0.0
10	77.4*	3.9	16.7	1.1	0.6	0.2	0.2
11	4.8	12.0	66.0*	13.0	3.0	1.2	0.0
12	3.7	2.7	2.5	77.3*	12.3	1.3	0.2
13	9.0	15.7	63.4*	6.0	5.2	0.7	0.0
14	19.4	5.7	4.3	35.5*	34.2	0.7	0.2
15	14.6	30.8	15.6	4.5	31.3*	3.1	0.1
16	7.8	68.4*	13.1	5.9	3.8	0.8	0.1
17	13.7	48.9*	17.7	11.9	5.9	1.9	0.0
18	9.4	18.0	15.4	23.2	29.9*	4.1	0.0
19	26.8*	16.5	21.7	18.0	12.1	4.8	0.0
20	20.9	31.1*	20.6	14.9	8.0	4.4	0.1
21	35.6	17.0	10.3	13.3	17.9*	5.8	0.1
22	14.0	17.0	27.5	25.1*	12.4	3.8	0.2
23	14.1	46.3*	17.2	9.5	8.1	4.6	0.2
24	39.0*	14.1	20.0	10.7	10.0	6.0	0.2
25	11.5	15.8	26.9	25.5*	15.5	4.5	0.2
26	21.2	14.8	17.7	26.1*	15.1	4.9	0.2
27	27.4	12.0	37.7*	12.5	5.5	4.8	0.2

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination B

Tabulation of Responses by All 1291 Students
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	11.2	12.5	65.8*	8.1	1.7	0.7	0.0
2	46.1*	16.6	13.5	10.3	11.4	2.2	0.0
3	10.4	18.4	45.9*	17.2	5.7	2.4	0.1
4	9.3	6.9	11.5	58.3*	12.1	1.8	0.1
5	14.0	7.8	5.1	4.2	67.2*	1.3	0.3
6	44.9	9.0	10.1	25.4*	8.2	2.2	0.2
7	1.7	84.5*	5.0	5.1	3.1	0.5	0.0
8	11.3	8.8	40.0*	23.5	12.7	3.7	0.0
9	6.0	72.4*	7.7	4.7	7.0	2.0	0.1
10	7.5	79.8*	2.8	4.6	4.6	0.6	0.1
11	24.5	9.8	49.2*	10.5	3.4	2.5	0.1
12	6.2	73.4*	7.1	6.4	5.5	1.3	0.0
13	6.0	6.6	11.1	68.6*	6.7	1.0	0.0
14	1.5	2.2	3.3	89.4*	2.7	0.9	0.1
15	7.0	20.1	11.1	7.1	52.1*	2.6	0.0
16	15.3	8.0	38.1*	1.9	35.0	1.6	0.0
17	5.8	9.4	7.4	5.4	69.5*	2.2	0.3
18	8.1	12.0	22.8	17.8	36.9*	2.2	0.1
19	11.0	8.8	16.9	5.3	51.1*	6.8	0.1
20	12.6	5.5	16.4	5.9	52.1*	7.4	0.0
21	12.1	16.7	15.4	38.1*	7.3	10.3	0.1
22	55.2*	7.4	11.9	10.9	6.9	7.6	0.0
23	58.7*	9.3	13.7	7.8	2.4	8.1	0.0
24	11.8	31.3*	20.1	17.9	8.7	10.3	0.0
25	55.1*	13.0	10.8	7.2	5.9	7.8	0.2
26	7.9	23.7	22.8	14.8	22.5*	8.3	0.0
27	13.2	13.9	18.8	34.4*	8.5	11.2	0.1

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination A

Tabulation of Responses by 150 Students in Grade 9
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	5.3	6.0	11.3	72.7*	3.3	0.7	0.7
2	24.7	12.0	57.3*	5.3	0.7	0.0	0.0
3	66.7*	10.0	10.7	6.7	4.7	1.3	0.0
4	14.0	9.3	4.7	3.3	64.7*	4.0	0.0
5	45.3*	24.7	13.3	8.7	3.3	4.7	0.0
6	39.3*	8.7	10.7	32.0	4.7	4.7	0.0
7	30.7	10.0	42.7*	12.7	2.7	1.3	0.0
8	5.3	17.3	10.7	21.3	41.3*	4.0	0.0
9	22.7	3.3	18.7	45.3*	6.7	3.3	0.0
10	74.0*	4.0	21.3	0.0	0.0	0.0	0.7
11	5.3	11.3	63.3*	14.0	4.0	2.0	0.0
12	6.7	4.7	3.3	56.7*	28.7	0.0	0.0
13	16.0	18.7	48.0*	6.7	9.3	1.3	0.0
14	18.0	4.0	4.7	27.3*	45.3	0.7	0.0
15	17.3	42.0	15.3	5.3	14.0*	6.0	0.0
16	11.3	54.0*	16.7	14.7	2.7	0.7	0.0
17	14.0	48.0*	16.7	12.7	5.3	3.3	0.0
18	11.3	14.7	12.7	25.3	30.0*	6.0	0.0
19	16.0*	21.3	21.3	18.7	18.0	4.7	0.0
20	16.0	24.0*	26.7	16.0	9.3	8.0	0.0
21	20.0	24.0	15.3	17.3	18.0*	5.3	0.0
22	16.7	22.0	24.7	22.7*	11.3	2.7	0.0
23	14.7	37.3*	20.7	8.7	11.3	6.7	0.7
24	28.0*	19.3	20.7	11.3	14.7	5.3	0.7
25	15.3	11.3	22.7	22.7*	22.7	5.3	0.0
26	14.7	18.0	22.0	25.3*	16.7	3.3	0.0
27	29.3	10.7	34.0*	13.3	8.7	4.0	0.0

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination A

Tabulation of Responses by 629 Students in Grade 10
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	4.8	2.9	4.5	84.7*	2.9	0.3	0.0
2	15.1	15.1	64.2*	4.5	0.8	0.0	0.3
3	80.4*	8.6	5.4	2.7	2.1	0.8	0.0
4	10.7	8.1	5.2	2.2	73.4*	0.3	0.0
5	59.3*	17.6	5.6	14.0	3.0	0.5	0.0
6	42.0*	9.1	13.2	28.8	4.1	2.7	0.2
7	15.6	8.3	54.4*	12.7	8.6	0.3	0.2
8	5.6	14.8	11.9	17.6	47.2*	2.5	0.3
9	19.9	4.8	7.9	60.4*	4.3	2.7	0.0
10	80.8*	2.7	14.9	0.8	0.5	0.0	0.3
11	3.5	8.6	70.7*	11.6	3.8	1.7	0.0
12	4.0	2.5	2.2	75.4*	14.1	1.4	0.3
13	8.7	14.1	64.7*	6.0	5.2	1.1	0.0
14	17.3	5.1	2.7	39.7*	34.2	0.6	0.3
15	14.3	27.2	14.5	4.6	35.5*	3.7	0.3
16	7.3	68.0*	12.9	5.7	4.3	1.6	0.2
17	13.2	51.4*	14.5	14.0	5.1	1.9	0.0
18	10.5	17.0	14.1	22.7	32.1*	3.5	0.0
19	32.1*	14.3	18.4	21.1	10.2	3.8	0.0
20	20.7	36.6*	19.1	13.0	8.1	2.5	0.0
21	37.4	14.0	11.0	12.7	20.5*	4.3	0.2
22	13.5	16.9	25.8	30.2*	11.4	2.1	0.2
23	12.7	54.2*	14.8	7.5	7.8	3.0	0.0
24	46.1*	11.3	18.1	10.3	10.0	4.1	0.0
25	9.7	13.8	25.6	28.6*	19.2	3.0	0.0
26	19.9	13.8	16.4	31.6*	14.3	3.8	0.2
27	26.4	12.1	41.2*	12.6	4.1	3.3	0.3

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination A

Tabulation of Responses by 1684 Students in Grade 11
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	8.6	4.1	5.7	77.8*	3.4	0.4	0.0
2	22.7	15.2	54.6*	5.2	1.7	0.5	0.1
3	74.0*	10.2	8.0	3.0	4.1	0.7	0.1
4	12.6	12.2	6.9	2.1	65.3*	0.8	0.1
5	49.8*	19.7	10.7	15.4	3.6	0.7	0.1
6	37.7*	11.2	15.1	28.0	5.3	2.6	0.1
7	21.3	9.7	43.5*	16.2	8.5	0.7	0.2
8	7.8	18.3	15.9	19.6	36.4*	2.0	0.1
9	20.7	5.8	12.3	53.1*	6.1	2.1	0.0
10	76.0*	4.5	17.2	1.3	0.8	0.2	0.1
11	4.9	13.3	64.4*	13.6	2.7	1.0	0.1
12	3.6	2.6	2.6	79.2*	10.5	1.4	0.2
13	9.0	15.6	63.8*	6.3	4.8	0.6	0.1
14	19.9	6.2	5.0	35.1*	32.9	0.7	0.2
15	14.4	31.4	15.4	4.6	31.4*	2.7	0.1
16	7.8	69.4*	12.8	5.4	4.0	0.6	0.1
17	14.4	47.6*	18.5	11.0	6.5	1.8	0.1
18	9.1	18.6	16.2	23.2	28.4*	4.3	0.1
19	26.0*	16.6	22.6	17.5	12.2	5.2	0.1
20	21.5	29.5*	20.8	15.4	7.8	4.9	0.1
21	36.2	17.9	9.7	13.5	15.9*	6.6	0.1
22	14.5	16.6	28.4	22.9*	12.7	4.6	0.2
23	14.4	43.6*	18.1	10.2	8.3	5.2	0.2
24	36.7*	14.6	20.6	11.3	9.6	6.9	0.2
25	12.2	16.8	28.1	24.0*	13.6	5.0	0.2
26	22.3	14.7	17.8	23.9*	15.6	5.6	0.2
27	27.9	12.0	35.9*	12.5	6.0	5.6	0.1

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination A

Tabulation of Responses by 154 Students in Grade 12
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	5.2	3.9	6.5	80.5*	3.9	0.0	0.0
2	26.6	19.5	48.1*	3.9	1.9	0.0	0.0
3	75.3*	6.5	6.5	5.8	4.5	1.3	0.0
4	12.3	5.2	6.5	3.9	72.1*	0.0	0.0
5	50.0*	20.1	9.7	14.9	5.2	0.0	0.0
6	39.6*	11.0	11.7	31.2	4.5	1.9	0.0
7	17.5	5.8	51.3*	18.8	6.5	0.0	0.0
8	7.1	17.5	20.8	18.8	35.7*	0.0	0.0
9	15.6	4.5	13.6	60.4*	3.9	1.9	0.0
10	82.5*	2.6	13.6	0.6	0.6	0.0	0.0
11	7.8	11.7	66.2*	11.7	2.6	0.0	0.0
12	1.9	1.9	1.3	84.4*	9.7	0.6	0.0
13	3.2	20.1	68.2*	2.6	5.8	0.0	0.0
14	24.0	4.5	2.6	29.9*	37.7	0.6	0.6
15	15.6	27.3	21.4	2.6	30.5*	2.6	0.0
16	6.5	74.0*	14.3	3.2	1.3	0.6	0.0
17	7.8	53.9*	22.1	12.3	2.6	1.3	0.0
18	5.8	18.2	14.9	22.1	37.0*	1.9	0.0
19	25.3*	18.8	26.0	11.0	13.6	5.2	0.0
20	19.5	34.4*	17.5	16.2	7.8	3.9	0.6
21	36.4	13.0	8.4	9.7	28.6*	3.9	0.0
22	7.8	16.9	26.6	31.2*	14.3	3.2	0.0
23	16.2	51.3*	14.3	11.0	3.9	3.2	0.0
24	45.5*	14.3	20.1	5.8	9.7	4.5	0.0
25	8.4	17.5	23.4	32.5*	13.6	4.5	0.0
26	21.4	16.9	17.5	28.6*	12.3	3.2	0.0
27	23.4	12.3	46.8*	11.0	2.6	3.2	0.6

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination B

Tabulation of Responses by 14 Students in Grade 9
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	21.4	7.1	71.4	0.0*	0.0	0.0	0.0
2	64.3	14.3	0.0*	0.0	21.4	0.0	0.0
3	0.0*	7.1	78.6	14.3	0.0	0.0	0.0
4	0.0	7.1	7.1	85.7	0.0*	0.0	0.0
5	0.0*	0.0	0.0	0.0	100.0	0.0	0.0
6	28.6*	0.0	14.3	35.7	14.3	7.1	0.0
7	0.0	92.9	0.0*	7.1	0.0	0.0	0.0
8	7.1	7.1	64.3	21.4	0.0*	0.0	0.0
9	0.0	100.0	0.0	0.0*	0.0	0.0	0.0
10	0.0*	92.9	7.1	0.0	0.0	0.0	0.0
11	35.7	0.0	64.3*	0.0	0.0	0.0	0.0
12	0.0	100.0	0.0	0.0*	0.0	0.0	0.0
13	0.0	0.0	0.0*	100.0	0.0	0.0	0.0
14	0.0	0.0	0.0	100.0*	0.0	0.0	0.0
15	0.0	7.1	7.1	0.0	85.7*	0.0	0.0
16	7.1	0.0*	71.4	7.1	14.3	0.0	0.0
17	0.0	7.1*	7.1	0.0	85.7	0.0	0.0
18	7.1	0.0	35.7	21.4	35.7*	0.0	0.0
19	14.3*	0.0	28.6	0.0	57.1	0.0	0.0
20	14.3	7.1*	35.7	0.0	42.9	0.0	0.0
21	7.1	35.7	21.4	28.6	7.1*	0.0	0.0
22	42.9	14.3	7.1	21.4*	14.3	0.0	0.0
23	35.7	21.4*	35.7	0.0	7.1	0.0	0.0
24	7.1*	50.0	7.1	28.6	7.1	0.0	0.0
25	35.7	21.4	35.7	7.1*	0.0	0.0	0.0
26	14.3	7.1	35.7	7.1*	35.7	0.0	0.0
27	14.3	35.7	14.3*	35.7	0.0	0.0	0.0

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination B

Tabulation of Responses by 175 Students in Grade 10
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	12.0	9.7	69.1	7.4*	1.7	0.0	0.0
2	52.6	16.6	9.7*	10.9	8.6	1.7	0.0
3	10.3*	18.9	49.1	16.0	3.4	2.3	0.0
4	7.4	8.0	7.4	68.0	7.4*	1.7	0.0
5	10.3*	5.1	5.1	2.3	75.4	1.7	0.0
6	38.9*	10.9	10.3	28.6	9.7	1.7	0.0
7	1.1	86.3	6.3*	4.0	1.7	0.6	0.0
8	9.7	7.4	43.4	20.0	14.9*	4.6	0.0
9	7.4	73.1	6.3	5.1*	5.1	2.9	0.0
10	10.3*	77.7	1.1	7.4	2.9	0.6	0.0
11	18.3	7.4	61.7*	9.1	1.7	1.7	0.0
12	4.0	76.6	7.4	5.7*	4.0	2.3	0.0
13	5.7	3.4	9.7*	73.7	6.9	0.6	0.0
14	1.1	1.1	2.3	92.6*	2.3	0.6	0.0
15	4.6	20.0	11.4	10.9	48.6*	4.6	0.0
16	17.1	6.9*	40.0	1.7	33.7	0.6	0.0
17	8.0	9.7*	6.9	4.0	68.6	1.1	1.7
18	9.1	11.4	21.1	20.6	33.7*	4.0	0.0
19	10.9*	7.4	21.7	12.0	35.4	12.6	0.0
20	16.0	8.6*	23.4	3.4	38.3	10.3	0.0
21	10.9	20.6	14.9	33.7	6.9*	13.1	0.0
22	42.3	6.3	13.1	16.6*	8.6	13.1	0.0
23	41.1	13.1*	19.4	9.7	4.0	12.6	0.0
24	10.3*	34.9	18.9	16.6	7.4	12.0	0.0
25	33.1	21.1	18.3	10.9*	4.6	12.0	0.0
26	8.0	20.0	19.4	16.6*	24.0	12.0	0.0
27	12.6	16.6	20.6*	29.1	7.4	13.7	0.0

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination B

Tabulation of Responses by 857 Students in Grade 11
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	10.5	12.0	67.9	6.9*	1.8	0.9	0.0
2	47.1	15.9	14.5*	9.8	11.1	1.6	0.0
3	11.1*	18.6	45.2	17.3	5.7	2.1	0.1
4	9.7	6.8	11.4	58.5	12.4*	1.2	0.1
5	14.2*	7.2	4.7	4.7	68.1	0.6	0.5
6	45.5*	8.5	10.5	26.1	7.0	2.1	0.2
7	1.6	85.1	5.3*	4.9	2.7	0.5	0.0
8	11.9	8.6	39.9	24.0	12.3*	3.3	0.0
9	5.7	72.7	7.5	5.1*	7.6	1.3	0.1
10	6.4*	81.6	2.6	3.9	4.8	0.8	0.0
11	24.4	9.2	50.6*	9.7	3.7	2.3	0.0
12	6.7	73.5	7.1	6.2*	5.4	1.2	0.0
13	5.5	6.9	10.5*	69.0	6.9	1.3	0.0
14	1.5	2.3	3.0	89.4*	2.8	0.8	0.1
15	7.4	19.4	11.2	5.5	54.5*	2.1	0.0
16	14.2	7.9*	40.6	1.9	33.6	1.8	0.0
17	4.8	8.8*	6.9	5.1	72.2	2.1	0.1
18	7.9	12.1	21.6	16.7	40.0*	1.5	0.1
19	10.5*	9.5	16.2	4.0	54.1	5.6	0.1
20	11.1	5.1*	15.4	6.1	55.7	6.7	0.0
21	12.4	16.0	14.6	40.7	7.0*	9.2	0.1
22	59.6	6.3	11.3	10.2*	6.1	6.5	0.0
23	63.2	8.9*	11.3	7.8	1.9	6.9	0.0
24	12.8*	31.2	18.9	18.2	9.3	9.6	0.0
25	60.4	11.2	8.4	6.8*	5.8	7.1	0.2
26	8.2	25.1	22.9	13.5*	22.6	7.7	0.0
27	13.3	12.8	18.0*	36.6	8.9	10.3	0.1

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column

All Nebraska Schools

Table of Item Difficulty for the
2006 JUMP Examination B

Tabulation of Responses by 245 Students in Grade 12
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	12.2	16.7	55.5	13.5*	1.6	0.4	0.0
2	36.7	19.2	13.5*	12.2	13.9	4.5	0.0
3	8.6*	18.4	44.1	18.0	7.3	3.7	0.0
4	9.8	6.5	15.1	49.4	15.1*	4.1	0.0
5	16.7*	12.2	6.9	4.1	56.3	3.7	0.0
6	48.2*	9.8	8.6	20.0	11.0	2.4	0.0
7	2.4	80.8	3.7*	6.5	5.7	0.8	0.0
8	10.6	10.2	36.3	24.5	13.5*	4.9	0.0
9	6.5	69.4	9.8	3.3*	6.9	4.1	0.0
10	9.8*	74.3	4.5	5.3	5.7	0.0	0.4
11	28.6	14.3	34.3*	15.1	3.7	3.7	0.4
12	6.5	69.4	7.3	8.2*	7.3	1.2	0.0
13	8.6	8.2	14.7*	61.6	6.5	0.4	0.0
14	2.0	2.4	4.9	86.5*	2.9	1.2	0.0
15	8.2	23.7	10.6	10.6	44.1*	2.9	0.0
16	18.4	9.4*	26.1	2.0	42.0	2.0	0.0
17	8.2	11.4*	9.8	7.8	59.6	3.3	0.0
18	8.2	12.7	27.3	19.6	28.6*	3.7	0.0
19	12.7*	7.8	15.1	5.7	51.4	7.3	0.0
20	15.5	4.5*	13.9	7.3	50.2	8.6	0.0
21	12.2	15.5	18.4	32.7	8.6*	12.7	0.0
22	49.8	11.8	13.5	9.0*	8.2	7.8	0.0
23	56.7	7.3*	16.7	6.9	2.9	9.4	0.0
24	9.4*	28.2	25.7	17.1	7.3	12.2	0.0
25	53.1	13.1	12.2	6.1*	7.3	7.8	0.4
26	6.5	22.4	24.1	18.4*	20.4	8.2	0.0
27	13.1	14.3	20.8*	30.2	8.6	13.1	0.0

(*) Correct Response

(?) Response the computer was unable to read due to incomplete erasures or two answers marked in the same column