

Report to: All Nebraska Schools

From: Department of Mathematics  
University of Nebraska Lincoln, 68588-0130

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

Number of Schools Participating: 70

Number of Students Examined: 3613

2003-2004

EXAM A

Gender	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
MALE	148	312	861	34	1355	12.6	18.1	14.4	15.4	15.1
FEMALE	100	265	759	44	1168	11.4	17.0	13.7	13.8	14.3
?	7	16	47	0	70	12.3	19.5	12.0	0.0	13.8
ALL	255	593	1667	78	2593	12.2	17.6	14.0	14.4	14.7

EXAM B

Gender	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
MALE	1	45	395	81	522	14.0	15.0	16.0	12.8	15.4
FEMALE	0	25	346	84	455	0.0	9.3	14.4	12.9	13.9
?	0	2	37	4	43	0.0	15.0	16.9	11.0	16.3
ALL	1	72	778	169	1020	14.0	13.0	15.4	12.8	14.8

EXAM A

Future	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
NE 4-yr	87	286	745	35	1153	11.7	17.6	14.8	14.5	15.2
Other 4-yr	91	201	333	17	642	12.4	19.1	14.7	17.2	15.9
2-yr Tech	12	33	265	20	330	10.8	13.5	12.0	12.1	12.1
Military	11	15	52	3	81	11.7	14.7	12.3	13.3	12.7
Undecided	54	57	262	2	375	13.0	15.6	13.2	16.5	13.6
None	0	1	10	1	12	0.0	7.0	13.8	14.0	13.3

EXAM B

Future	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
NE 4-yr	1	20	333	108	462	14.0	12.9	15.4	12.9	14.7
Other 4-yr	0	18	181	29	228	0.0	17.9	16.5	13.9	16.3
2-yr Tech	0	0	51	25	76	0.0	0.0	11.4	10.1	11.0
Military	0	0	9	2	11	0.0	0.0	14.1	13.5	14.0
Undecided	0	33	204	5	242	0.0	10.2	15.4	16.6	14.7
None	0	1	0	0	1	0.0	21.0	0.0	0.0	21.0

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	1	0	0	8	0	0	5	2	1	0	0	0	14	2	1
26	2	0	0	12	2	0	9	3	0	0	1	0	23	6	0
25	1	0	0	22	14	1	7	7	0	1	1	0	31	22	1
24	2	0	0	22	11	1	12	7	1	1	0	0	37	18	2
23	3	1	0	17	15	5	19	13	1	1	1	0	40	30	6
22	2	0	0	18	13	1	24	20	0	1	0	0	45	33	1
21	3	0	0	15	18	0	24	17	1	2	0	0	44	35	1
20	4	1	0	21	16	0	38	25	2	0	2	0	63	44	2
19	4	2	1	21	24	0	46	29	1	3	1	0	74	56	2
18	6	2	2	17	18	2	56	49	2	2	4	0	81	73	6
17	5	4	0	23	19	1	59	47	4	1	0	0	88	70	5
16	5	7	0	19	17	1	54	50	1	5	3	0	83	77	2
15	8	5	0	16	14	2	82	64	5	2	6	0	108	89	7
14	6	9	0	12	16	1	59	60	0	3	6	0	80	91	1
13	8	9	0	18	18	1	65	63	2	2	4	0	93	94	3
12	10	10	0	12	10	0	62	51	2	3	2	0	87	73	2
11	16	11	1	5	7	0	46	49	2	1	3	0	68	70	3
10	16	7	0	11	8	0	36	46	2	1	0	0	64	61	2
9	17	7	0	8	8	0	34	38	6	2	2	0	61	55	6
8	13	7	1	3	8	0	27	32	0	2	4	0	45	51	1
7	8	2	1	4	4	0	28	34	2	1	0	0	41	40	3
6	4	10	0	3	2	0	24	18	6	0	0	0	31	30	6
5	1	2	1	3	3	0	23	13	3	0	3	0	27	21	4
4	1	4	0	1	0	0	15	12	0	0	1	0	17	17	0
3	1	0	0	0	0	0	6	7	2	0	0	0	7	7	2
2	1	0	0	0	0	0	0	3	0	0	0	0	1	3	0
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	1	0	0	1	0	1	0	0	0	2	0	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	130	209	739	30	1108	12.5	17.2	13.6	14.3	14.2
Pre Algebra	128	348	987	47	1510	12.4	17.9	14.0	13.7	14.7
Algebra 1	183	548	1555	76	2362	12.8	17.4	14.4	14.4	15.0
Algebra 2	49	473	1407	74	2003	15.3	17.8	14.7	14.5	15.5
Geometry 1	64	526	1415	75	2080	15.5	18.3	14.8	14.6	15.7
Geometry 2	6	426	1130	71	1633	23.5	19.4	15.5	15.0	16.5
Algebra 3	15	421	1162	68	1666	19.2	19.3	15.6	15.1	16.6
Algebra 4	0	17	281	43	341	0.0	20.8	16.5	16.2	16.7
Trigonometry	1	2	39	4	46	16.0	17.0	20.2	21.3	20.0
Pre Calculus	0	0	1	3	4	0.0	0.0	19.0	15.0	16.0
Calculus	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Other	0	1	20	4	25	0.0	25.0	9.7	14.3	11.0

## 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	1	27	1	29	0.0	15.0	9.7	8.0	9.8
Pre Algebra	1	1	7	0	9	9.0	15.0	6.6	0.0	7.8
Algebra 1	53	4	41	0	98	9.4	7.8	7.5	0.0	8.5
Algebra 2	115	73	72	1	261	10.6	15.1	9.5	5.0	11.5
Geometry 1	19	5	100	0	124	19.2	14.8	12.5	0.0	13.6
Geometry 2	59	98	253	4	414	14.6	13.3	11.6	8.3	12.4
Algebra 3	2	5	38	0	45	13.0	14.8	12.2	0.0	12.6
Algebra 4	16	388	881	27	1312	18.2	19.1	15.3	13.3	16.4
Trigonometry	2	90	133	20	245	13.0	18.4	17.3	16.6	17.6
Pre Calculus	2	3	80	18	103	13.0	15.0	19.1	16.5	18.4
Calculus	2	3	12	0	17	13.0	15.0	10.9	0.0	11.9
Other	2	8	74	4	88	13.0	19.6	13.6	15.3	14.2

## 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
GenMath	125	383	901	47	1456	11.9	17.9	14.5	14.7	15.2
Pre Algebra	126	244	673	31	1074	11.9	17.2	14.2	15.6	14.6
Algebra 1	19	41	71	2	133	14.4	21.6	9.6	17.5	14.1
Algebra 2	91	47	188	3	329	12.5	19.9	10.3	16.0	12.3
Geometry 1	172	62	152	3	389	10.2	12.5	7.9	10.7	9.7
Geometry 2	190	69	284	3	546	11.1	12.6	10.2	10.7	10.8
Algebra 3	238	167	467	10	882	11.7	13.5	10.1	10.3	11.2
Algebra 4	239	188	505	8	940	11.8	14.3	10.4	8.9	11.5
Trigonometry	252	501	1495	54	2302	12.1	17.5	13.6	13.1	14.3
Pre Calculus	253	590	1586	57	2486	12.2	17.6	13.8	13.8	14.5
Calculus	253	590	1655	78	2576	12.2	17.6	14.0	14.4	14.7
Other	253	584	1573	70	2480	12.2	17.6	14.1	14.4	14.7

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	1	48	386	97	532	14.0	13.3	15.5	12.6	14.7
Pre Algebra	1	48	472	127	648	14.0	13.3	15.5	12.3	14.7
Algebra 1	1	71	741	169	982	14.0	12.9	15.2	12.8	14.6
Algebra 2	1	70	736	169	976	14.0	12.8	15.2	12.8	14.6
Geometry 1	1	68	759	168	996	14.0	13.5	15.4	12.8	14.8
Geometry 2	1	66	694	168	929	14.0	13.2	15.5	12.8	14.8
Algebra 3	1	67	683	167	918	14.0	12.8	15.3	12.8	14.7
Algebra 4	1	21	591	159	772	14.0	21.2	16.4	13.0	15.8
Trigonometry	0	13	381	93	487	0.0	22.2	16.1	13.9	15.8
Pre Calculus	0	4	115	40	159	0.0	17.8	17.1	15.9	16.8
Calculus	0	0	1	5	6	0.0	0.0	16.0	22.4	21.3
Other	0	0	6	5	11	0.0	0.0	17.7	17.0	17.4

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	2	0	2	0.0	0.0	16.0	0.0	16.0
Pre Algebra	0	0	2	0	2	0.0	0.0	16.0	0.0	16.0
Algebra 1	0	0	2	0	2	0.0	0.0	16.0	0.0	16.0
Algebra 2	0	0	6	0	6	0.0	0.0	11.2	0.0	11.2
Geometry 1	0	3	13	0	16	0.0	5.0	12.0	0.0	10.7
Geometry 2	0	0	27	0	27	0.0	0.0	11.5	0.0	11.5
Algebra 3	0	2	4	0	6	0.0	7.0	13.3	0.0	11.2
Algebra 4	0	45	94	8	147	0.0	9.2	8.8	8.0	8.9
Trigonometry	1	10	240	60	311	14.0	18.0	16.7	11.6	15.7
Pre Calculus	1	20	491	106	618	14.0	22.0	16.9	12.2	16.3
Calculus	0	1	15	21	37	0.0	19.0	17.4	16.0	16.6
Other	0	1	16	20	37	0.0	19.0	11.1	14.3	13.1

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	24	390	72	486	0.0	12.4	15.3	13.1	14.8
Pre Algebra	0	24	304	42	370	0.0	12.4	15.1	14.4	14.8
Algebra 1	0	1	35	0	36	0.0	18.0	19.0	0.0	19.0
Algebra 2	0	2	36	0	38	0.0	21.0	18.3	0.0	18.5
Geometry 1	0	1	6	1	8	0.0	7.0	16.2	8.0	14.0
Geometry 2	0	6	57	1	64	0.0	11.5	15.5	8.0	15.0
Algebra 3	0	3	91	2	96	0.0	21.7	15.5	13.0	15.7
Algebra 4	0	6	93	2	101	0.0	13.3	15.5	13.0	15.3
Trigonometry	0	49	157	16	222	0.0	9.6	11.6	11.2	11.1
Pre Calculus	0	48	172	23	243	0.0	8.9	9.8	10.1	9.6
Calculus	1	71	762	143	977	14.0	12.9	15.3	12.0	14.7
Other	1	71	756	144	972	14.0	12.9	15.4	12.5	14.8

All Nebraska Schools

Table of Item Difficulty for the  
2004 JUMP Examination A

Tabulation of Responses by All 2593 Students  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	3.3	6.9	84.2*	3.8	1.5	0.3	0.0
2	16.5	40.7*	13.8	12.8	13.9	2.1	0.1
3	72.8*	5.0	7.3	8.4	5.8	0.6	0.1
4	6.2	79.2*	4.6	7.0	2.5	0.3	0.0
5	4.6	7.3	3.9	3.8	79.7*	0.6	0.1
6	11.0	13.8	19.9	45.9*	7.4	1.9	0.0
7	12.3	19.1	55.3*	7.3	5.4	0.5	0.0
8	24.1*	31.7	20.5	18.2	3.9	1.5	0.0
9	8.9	14.7	63.6*	5.5	5.2	1.9	0.2
10	69.6*	5.1	16.2	3.9	4.7	0.6	0.0
11	15.3	11.7	55.8*	7.6	9.2	0.3	0.0
12	4.6	4.9	7.9	79.7*	2.0	0.8	0.0
13	2.7	5.3	85.8*	2.7	3.0	0.3	0.2
14	16.9	14.8	19.9	43.7*	4.0	0.6	0.1
15	8.4	4.2	5.8	74.6*	5.7	1.2	0.0
16	16.3	61.4*	4.4	16.1	1.5	0.3	0.1
17	49.1*	12.3	17.2	8.5	11.5	1.3	0.1
18	68.3	2.0	22.8*	3.0	2.6	1.2	0.1
19	10.8	20.0	21.1	35.4*	11.5	1.0	0.2
20	20.7	16.8	9.5	7.2	45.2*	0.6	0.1
21	10.3	12.9	42.7*	12.1	19.2	2.7	0.1
22	18.9	16.9	21.7	35.6*	6.0	0.8	0.1
23	6.7	68.9*	14.0	6.5	2.9	0.9	0.2
24	8.1	8.2	30.0	14.8	34.9*	3.8	0.2
25	18.1	35.6*	22.6	12.8	8.8	2.0	0.1
26	7.1	7.5	5.7	41.7	36.4*	1.3	0.2
27	6.7	44.7*	22.2	15.9	7.5	2.8	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  
2004 JUMP Examination B

Tabulation of Responses by All 1020 Students  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	72.9	18.2	3.0*	2.1	3.2	0.4	0.1
2	21.8	13.0*	5.8	11.8	46.8	0.9	0.0
3	56.6*	15.4	6.8	2.8	17.5	0.9	0.0
4	5.3	74.9*	8.3	8.2	2.5	0.7	0.1
5	6.3	44.0	6.8	38.4	3.2*	1.3	0.0
6	11.2	28.0	25.2	25.3*	9.2	1.1	0.0
7	12.3	6.5	2.0*	2.7	75.9	0.6	0.1
8	11.9*	64.4	2.5	3.7	17.2	0.3	0.1
9	7.5	22.4	17.2*	42.9	7.3	2.7	0.0
10	4.1*	10.5	18.6	59.2	7.5	0.1	0.0
11	20.0	49.9	9.3*	5.3	14.3	1.2	0.0
12	4.7	5.8	4.8	79.5*	3.7	1.4	0.1
13	5.0	4.6	83.5*	5.0	1.6	0.2	0.1
14	5.9	42.0	3.2	42.3*	6.2	0.5	0.0
15	3.4	77.8	9.7	3.8*	4.0	1.2	0.0
16	6.7	3.7*	14.2	72.4	2.6	0.4	0.0
17	8.5*	5.1	6.1	4.2	75.0	1.0	0.1
18	37.9	1.8	57.5*	0.3	2.0	0.5	0.1
19	10.5	7.9	14.6	8.1*	55.7	3.0	0.1
20	22.7	31.1	12.6	6.1	23.4*	4.0	0.0
21	11.4	5.2	7.6*	63.7	6.7	5.4	0.0
22	15.4	13.6	14.9	41.8*	9.7	4.5	0.1
23	57.1	5.9*	18.0	6.8	7.8	4.4	0.0
24	29.7	24.5	19.6	10.4	8.3*	7.5	0.0
25	9.5	6.8*	70.2	4.0	5.1	4.4	0.0
26	5.8	11.0	26.2	18.4	33.4*	5.1	0.1
27	52.6	9.0*	6.4	14.5	12.0	5.5	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  
2004 JUMP Examination A

Tabulation of Responses by 255 Students in Grade 9  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	4.7	16.1	63.5*	9.8	5.1	0.8	0.0
2	18.0	40.8*	20.4	6.7	12.9	1.2	0.0
3	61.6*	3.5	9.8	11.8	11.8	1.6	0.0
4	9.4	67.1*	7.1	12.5	3.5	0.4	0.0
5	11.0	12.9	8.6	7.8	58.8*	0.4	0.4
6	7.1	14.9	19.2	48.6*	8.2	2.0	0.0
7	18.4	30.2	38.4*	6.7	5.9	0.4	0.0
8	23.5*	33.7	19.6	16.5	4.7	2.0	0.0
9	13.3	19.6	44.7*	6.7	12.9	2.7	0.0
10	62.0*	4.3	20.8	3.5	9.0	0.4	0.0
11	24.7	18.0	39.2*	9.8	7.8	0.4	0.0
12	4.7	3.9	7.5	82.0*	2.0	0.0	0.0
13	5.1	5.5	81.6*	3.5	3.9	0.0	0.4
14	19.6	14.1	23.1	36.9*	6.3	0.0	0.0
15	8.6	4.3	6.7	74.1*	5.1	1.2	0.0
16	18.4	47.1*	5.1	27.8	1.6	0.0	0.0
17	43.9*	15.3	20.0	8.2	11.4	1.2	0.0
18	76.5	1.6	13.3*	3.5	3.9	1.2	0.0
19	14.5	22.4	18.8	29.0*	13.7	1.2	0.4
20	22.7	21.6	14.1	6.7	34.1*	0.8	0.0
21	9.8	13.7	30.2*	15.7	27.8	2.7	0.0
22	26.3	13.3	22.4	27.8*	8.2	1.2	0.8
23	7.5	60.0*	18.4	7.8	4.3	2.0	0.0
24	8.6	10.2	33.3	13.3	31.0*	3.1	0.4
25	20.8	28.6*	18.4	16.1	13.7	2.4	0.0
26	7.5	10.2	8.2	45.1	27.5*	1.6	0.0
27	10.6	21.6*	29.4	23.1	10.6	4.3	0.4

(\*) 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  
2004 JUMP Examination A

Tabulation of Responses by 593 Students in Grade 10  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	1.5	1.7	93.8*	2.0	0.7	0.3	0.0
2	13.7	47.2*	8.3	15.9	13.5	1.2	0.3
3	85.5*	5.4	2.5	4.0	2.2	0.3	0.0
4	3.4	87.9*	2.4	4.0	1.7	0.5	0.2
5	3.9	4.7	1.9	1.9	87.2*	0.5	0.0
6	10.8	11.3	14.8	55.0*	6.6	1.5	0.0
7	7.4	10.6	72.2*	4.9	4.4	0.5	0.0
8	29.8*	31.0	16.2	19.1	2.5	1.3	0.0
9	5.4	8.8	77.4*	4.7	2.5	1.2	0.0
10	78.6*	2.5	12.0	3.0	3.5	0.3	0.0
11	11.1	6.9	72.7*	4.2	4.7	0.3	0.0
12	2.0	3.2	5.1	88.5*	0.8	0.3	0.0
13	1.2	2.4	92.2*	1.0	2.7	0.3	0.2
14	13.5	13.7	13.7	56.7*	2.0	0.5	0.0
15	7.6	1.5	4.6	80.9*	4.6	0.8	0.0
16	8.8	76.9*	3.2	9.8	0.8	0.5	0.0
17	60.2*	8.3	13.0	6.2	11.3	1.0	0.0
18	64.1	1.2	30.7*	2.2	1.5	0.3	0.0
19	6.7	13.3	20.2	49.7*	9.4	0.5	0.0
20	18.2	13.5	7.6	4.2	55.8*	0.7	0.0
21	10.6	10.1	54.8*	8.6	14.2	1.7	0.0
22	13.2	16.2	17.0	48.6*	4.4	0.7	0.0
23	6.4	77.6*	9.1	4.6	1.9	0.5	0.0
24	6.2	6.4	21.8	12.0	49.7*	3.7	0.2
25	14.7	45.2*	21.6	8.3	8.6	1.7	0.0
26	6.9	4.4	5.2	36.6	46.0*	0.7	0.2
27	3.9	62.7*	15.3	11.6	5.1	1.3	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  
2004 JUMP Examination A

Tabulation of Responses by 1667 Students in Grade 11  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	3.8	7.4	83.9*	3.5	1.1	0.2	0.0
2	17.5	38.5*	14.9	12.5	14.0	2.6	0.1
3	70.7*	4.8	8.7	9.4	5.8	0.5	0.1
4	6.7	78.2*	5.0	7.2	2.7	0.3	0.0
5	3.8	7.3	3.8	4.0	80.3*	0.7	0.1
6	11.7	14.7	21.6	42.2*	7.7	2.1	0.0
7	13.3	20.7	51.5*	8.2	5.6	0.5	0.1
8	22.1*	31.7	22.0	18.3	4.3	1.6	0.0
9	9.5	16.0	61.7*	5.6	4.9	2.0	0.2
10	67.8*	5.9	16.6	4.3	4.6	0.8	0.1
11	15.4	12.8	52.2*	8.3	10.9	0.3	0.0
12	5.6	5.6	9.1	76.0*	2.5	1.1	0.0
13	3.0	6.2	84.1*	3.2	3.0	0.3	0.1
14	17.9	15.0	21.7	40.0*	4.5	0.7	0.2
15	9.1	5.3	5.9	72.1*	6.2	1.4	0.1
16	18.4	58.1*	4.7	16.7	1.8	0.2	0.2
17	46.0*	13.4	18.5	9.2	11.3	1.4	0.1
18	68.3	2.4	21.7*	3.4	2.8	1.4	0.1
19	11.8	21.9	21.3	31.6*	12.0	1.2	0.2
20	21.2	16.6	9.5	8.5	43.5*	0.6	0.1
21	10.4	13.9	40.3*	12.5	19.7	3.1	0.2
22	19.5	17.7	23.2	32.6*	6.3	0.7	0.1
23	7.0	67.0*	14.9	7.0	3.0	0.9	0.2
24	8.7	8.5	32.5	15.8	30.3*	4.1	0.1
25	18.8	33.1*	23.6	13.9	8.3	2.1	0.1
26	7.1	8.0	5.5	43.3	34.4*	1.4	0.2
27	7.3	41.4*	23.9	16.3	8.0	3.1	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  
2004 JUMP Examination A

Tabulation of Responses by 78 Students in Grade 12  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	2.6	6.4	85.9*	2.6	2.6	0.0	0.0
2	12.8	39.7*	11.5	16.7	17.9	1.3	0.0
3	57.7*	10.3	6.4	10.3	15.4	0.0	0.0
4	9.0	75.6*	5.1	7.7	2.6	0.0	0.0
5	7.7	7.7	5.1	2.6	76.9*	0.0	0.0
6	11.5	9.0	25.6	48.7*	3.8	1.3	0.0
7	9.0	14.1	62.8*	9.0	5.1	0.0	0.0
8	26.9*	28.2	23.1	16.7	3.8	1.3	0.0
9	6.4	16.7	62.8*	3.8	7.7	2.6	0.0
10	62.8*	9.0	24.4	2.6	1.3	0.0	0.0
11	15.4	3.8	59.0*	9.0	11.5	1.3	0.0
12	2.6	3.8	7.7	83.3*	1.3	1.3	0.0
13	1.3	6.4	88.5*	1.3	2.6	0.0	0.0
14	11.5	20.5	19.2	44.9*	2.6	1.3	0.0
15	1.3	2.6	10.3	80.8*	3.8	1.3	0.0
16	21.8	59.0*	3.8	14.1	0.0	1.3	0.0
17	46.2*	11.5	10.3	11.5	17.9	2.6	0.0
18	75.6	0.0	19.2*	0.0	2.6	2.6	0.0
19	9.0	21.8	29.5	28.2*	10.3	1.3	0.0
20	21.8	29.5	9.0	3.8	35.9*	0.0	0.0
21	6.4	10.3	43.6*	20.5	19.2	0.0	0.0
22	24.4	17.9	24.4	26.9*	5.1	1.3	0.0
23	2.6	71.8*	16.7	5.1	3.8	0.0	0.0
24	6.4	9.0	29.5	21.8	32.1*	1.3	0.0
25	19.2	37.2*	23.1	15.4	3.8	1.3	0.0
26	7.7	11.5	6.4	35.9	34.6*	3.8	0.0
27	5.1	53.8*	15.4	16.7	6.4	2.6	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  
2004 JUMP Examination B

Tabulation of Responses by 1 Students in Grade 9  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	100.0	0.0	0.0*	0.0	0.0	0.0	0.0
2	0.0	0.0*	0.0	100.0	0.0	0.0	0.0
3	0.0*	100.0	0.0	0.0	0.0	0.0	0.0
4	100.0	0.0*	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	100.0	0.0*	0.0	0.0
6	0.0	100.0	0.0	0.0*	0.0	0.0	0.0
7	0.0	0.0	0.0*	0.0	100.0	0.0	0.0
8	0.0*	100.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0*	100.0	0.0	0.0	0.0
10	0.0*	0.0	0.0	100.0	0.0	0.0	0.0
11	0.0	100.0	0.0*	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	100.0*	0.0	0.0	0.0
13	0.0	0.0	100.0*	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	100.0*	0.0	0.0	0.0
15	0.0	100.0	0.0	0.0*	0.0	0.0	0.0
16	0.0	0.0*	100.0	0.0	0.0	0.0	0.0
17	0.0*	0.0	0.0	0.0	100.0	0.0	0.0
18	0.0	0.0	100.0*	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	100.0*	0.0	0.0	0.0
20	0.0	100.0	0.0	0.0	0.0*	0.0	0.0
21	0.0	0.0	0.0*	0.0	100.0	0.0	0.0
22	0.0	100.0	0.0	0.0*	0.0	0.0	0.0
23	0.0	0.0*	0.0	100.0	0.0	0.0	0.0
24	0.0	0.0	100.0	0.0	0.0*	0.0	0.0
25	0.0	100.0*	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	100.0	0.0*	0.0	0.0
27	100.0	0.0*	0.0	0.0	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  
2004 JUMP Examination B

Tabulation of Responses by 72 Students in Grade 10  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	73.6	18.1	4.2*	4.2	0.0	0.0	0.0
2	15.3	9.7*	4.2	11.1	58.3	1.4	0.0
3	68.1*	16.7	1.4	0.0	13.9	0.0	0.0
4	9.7	72.2*	5.6	9.7	1.4	0.0	1.4
5	8.3	33.3	4.2	48.6	5.6*	0.0	0.0
6	12.5	34.7	25.0	20.8*	6.9	0.0	0.0
7	19.4	5.6	2.8*	4.2	65.3	2.8	0.0
8	4.2*	76.4	2.8	4.2	12.5	0.0	0.0
9	8.3	20.8	19.4*	41.7	9.7	0.0	0.0
10	4.2*	11.1	23.6	58.3	2.8	0.0	0.0
11	29.2	45.8	11.1*	8.3	5.6	0.0	0.0
12	4.2	6.9	5.6	73.6*	6.9	2.8	0.0
13	4.2	5.6	75.0*	9.7	5.6	0.0	0.0
14	4.2	65.3	2.8	23.6*	4.2	0.0	0.0
15	0.0	91.7	4.2	2.8*	1.4	0.0	0.0
16	4.2	4.2*	8.3	80.6	2.8	0.0	0.0
17	6.9*	4.2	9.7	2.8	76.4	0.0	0.0
18	45.8	1.4	44.4*	0.0	8.3	0.0	0.0
19	18.1	8.3	26.4	6.9*	37.5	2.8	0.0
20	19.4	33.3	8.3	8.3	27.8*	2.8	0.0
21	16.7	11.1	16.7*	45.8	4.2	5.6	0.0
22	15.3	16.7	23.6	33.3*	6.9	4.2	0.0
23	41.7	8.3*	20.8	11.1	13.9	4.2	0.0
24	31.9	23.6	22.2	8.3	6.9*	6.9	0.0
25	8.3	11.1*	55.6	11.1	9.7	4.2	0.0
26	11.1	22.2	18.1	12.5	31.9*	4.2	0.0
27	40.3	11.1*	15.3	9.7	18.1	5.6	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  
2004 JUMP Examination B

Tabulation of Responses by 778 Students in Grade 11  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	74.6	17.0	3.0*	1.8	3.1	0.5	0.1
2	20.2	12.5*	5.1	11.8	49.5	0.9	0.0
3	58.1*	14.7	5.7	3.3	17.4	0.9	0.0
4	3.7	79.0*	7.7	6.8	1.9	0.8	0.0
5	5.8	44.7	6.0	39.8	2.6*	1.0	0.0
6	11.4	28.4	23.0	26.7*	9.3	1.2	0.0
7	11.8	6.4	1.4*	2.1	77.9	0.3	0.1
8	12.3*	65.3	2.1	3.3	16.7	0.3	0.0
9	6.6	22.2	17.0*	44.9	6.4	3.0	0.0
10	4.1*	10.3	17.5	60.4	7.6	0.1	0.0
11	16.8	54.6	8.0*	4.2	15.4	0.9	0.0
12	4.1	5.5	3.9	82.1*	3.2	1.0	0.1
13	5.1	3.9	85.3*	4.1	1.2	0.3	0.1
14	5.5	40.5	2.1	45.2*	6.2	0.5	0.0
15	3.7	77.6	9.6	3.5*	4.5	1.0	0.0
16	6.7	3.0*	13.4	74.3	2.3	0.4	0.0
17	8.0*	4.8	4.9	4.0	77.0	1.3	0.1
18	39.5	1.4	56.7*	0.4	1.5	0.4	0.1
19	9.6	7.7	12.7	7.8*	58.4	3.6	0.1
20	22.8	29.7	13.2	5.9	23.9*	4.5	0.0
21	9.9	4.5	6.4*	66.8	6.6	5.8	0.0
22	14.5	13.8	11.8	44.9*	9.9	5.0	0.1
23	59.5	5.8*	17.9	5.1	6.7	5.0	0.0
24	31.6	24.4	17.9	10.9	7.2*	8.0	0.0
25	10.0	5.9*	70.3	3.5	5.3	5.0	0.0
26	4.9	8.9	25.8	19.2	35.3*	5.8	0.1
27	54.0	8.6*	5.4	14.5	11.6	5.9	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  
2004 JUMP Examination B

Tabulation of Responses by 169 Students in Grade 12  
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	65.1	24.3	3.0*	2.4	5.3	0.0	0.0
2	32.0	17.2*	9.5	11.2	29.6	0.6	0.0
3	45.0*	17.8	14.2	1.8	20.1	1.2	0.0
4	10.1	57.4*	12.4	14.2	5.3	0.6	0.0
5	7.7	45.6	11.2	27.2	5.3*	3.0	0.0
6	9.5	23.1	35.5	20.7*	10.1	1.2	0.0
7	11.2	7.1	4.1*	5.3	71.0	1.2	0.0
8	13.0*	55.0	4.1	5.3	21.3	0.6	0.6
9	11.8	23.7	17.2*	34.3	10.1	3.0	0.0
10	4.1*	11.2	21.9	53.8	8.9	0.0	0.0
11	30.8	29.6	14.8*	8.9	13.0	3.0	0.0
12	7.7	6.5	8.9	69.8*	4.7	2.4	0.0
13	4.7	7.7	78.7*	7.1	1.8	0.0	0.0
14	8.3	39.1	8.9	36.1*	7.1	0.6	0.0
15	3.6	72.8	12.4	5.9*	3.0	2.4	0.0
16	7.7	7.1*	20.1	60.4	4.1	0.6	0.0
17	11.8*	7.1	10.1	5.9	65.1	0.0	0.0
18	27.8	3.6	66.3*	0.0	1.2	1.2	0.0
19	11.2	8.9	18.3	9.5*	51.5	0.6	0.0
20	24.3	36.1	11.8	5.9	19.5*	2.4	0.0
21	16.0	5.9	9.5*	57.4	7.7	3.6	0.0
22	19.5	11.2	25.4	31.4*	10.1	2.4	0.0
23	52.7	5.3*	17.8	11.8	10.7	1.8	0.0
24	20.1	25.4	26.0	8.9	14.2*	5.3	0.0
25	7.7	8.3*	76.3	3.6	2.4	1.8	0.0
26	7.7	16.0	31.4	17.2	25.4*	2.4	0.0
27	51.5	10.1*	7.1	16.6	11.2	3.6	0.0

(\*) Correct Response

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