

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 65

Number of Students Examined 4020

2006-2007

EXAM A

Gender	Student Count by Grade						Average Score				
	9	10	11	12	All		9	10	11	12	All
MALE	151	252	773	51	1227		10.6	14.3	13.7	12.9	13.4
FEMALE	148	302	697	32	1179		10.5	14.4	12.7	13.4	12.9
?	4	15	54	3	76		7.8	15.5	12.0	7.3	12.3
ALL	303	569	1524	86	2482		10.5	14.4	13.2	12.9	13.1

EXAM B

Gender	Student Count by Grade						Average Score				
	9	10	11	12	All		9	10	11	12	All
MALE	10	106	540	144	800		14.8	14.3	13.2	13.6	13.5
FEMALE	4	62	497	139	702		11.8	10.2	12.4	12.7	12.3
?	1	1	26	8	36		23.0	20.0	13.5	12.8	13.8
ALL	15	169	1063	291	1538		14.5	12.8	12.9	13.2	12.9

EXAM A

Future	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
NE 4-yr	146	326	620	39	1131	10.8	14.4	14.3	13.6	13.8
Other 4-yr	58	109	225	14	406	12.4	16.1	14.5	13.9	14.6
2-yr Tech	24	52	212	24	312	8.4	11.9	11.6	12.1	11.4
Military	13	15	32	3	63	7.2	13.9	11.8	19.0	11.7
Undecided	58	65	430	3	556	9.8	13.9	11.8	7.3	11.8
None	4	2	5	3	14	8.0	14.5	12.6	5.7	10.1

EXAM B

Future	Student Count by Grade					Average Score				
	9	10	11	12	All	9	10	11	12	All
NE 4-yr	2	74	555	153	784	17.0	12.4	12.7	13.6	12.9
Other 4-y	7	62	219	42	330	17.0	14.8	14.6	17.4	15.0
2-yr Tech	1	7	75	34	117	9.0	7.1	10.2	10.1	10.0
Military	0	4	15	4	23	0.0	11.0	10.3	14.3	11.1
Undecided	5	22	197	57	281	11.2	10.9	12.5	11.0	12.1
None	0	0	2	1	3	0.0	0.0	4.0	4.0	4.0

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	2	0	0	5	0	0	5	0	0	0	0	0	12	0	0
26	2	1	0	4	3	0	11	4	0	0	0	0	17	8	0
25	2	1	0	4	5	1	7	8	0	0	0	0	13	14	1
24	1	0	0	6	10	0	11	6	1	0	1	0	18	17	1
23	2	0	0	6	7	1	22	11	0	1	0	0	31	18	1
22	1	0	0	12	15	1	14	18	3	1	1	0	28	34	4
21	3	1	0	13	13	0	25	18	0	3	0	0	44	32	0
20	2	3	0	11	20	1	37	18	2	1	1	0	51	42	3
19	1	2	0	10	13	0	19	16	3	2	2	0	32	33	3
18	1	5	0	2	15	1	44	16	1	3	0	0	50	36	2
17	5	1	0	12	13	1	51	32	1	2	1	0	70	47	2
16	5	3	0	20	17	1	40	34	3	3	2	0	68	56	4
15	5	7	0	9	16	3	42	45	4	3	3	0	59	71	7
14	1	7	0	9	16	1	48	52	3	3	5	0	61	80	4
13	1	7	0	20	13	0	42	37	3	2	3	0	65	60	3
12	11	8	0	17	24	0	65	68	1	7	5	0	100	105	1
11	11	17	0	19	13	3	59	58	2	4	1	0	93	89	5
10	13	13	1	14	19	0	48	49	5	2	0	0	77	81	6
9	19	19	0	15	17	0	41	58	6	3	2	1	78	96	7
8	18	20	1	9	17	0	42	49	4	2	1	0	71	87	5
7	12	15	1	10	10	0	31	50	5	3	2	1	56	77	7
6	15	6	1	11	10	0	32	18	3	3	1	1	61	35	5
5	12	8	0	5	11	0	15	12	0	3	1	0	35	32	0
4	4	2	0	5	3	0	10	9	3	0	0	0	19	14	3
3	0	1	0	3	1	0	10	5	0	0	0	0	13	7	0
2	0	1	0	1	0	0	2	3	1	0	0	0	3	4	1
1	1	0	0	0	0	0	0	2	0	0	0	0	1	2	0
0	1	0	0	0	1	1	0	1	0	0	0	0	1	2	1

EXAM B

SCORE	Score Distribution by Grade and Gender									ALL					
	9			10			11			12			M	F	?
	M	F	?	M	F	?	M	F	?	M	F	?	M	F	?
27	0	0	0	0	0	0	3	0	0	2	1	0	5	1	0
26	0	0	0	2	0	0	6	4	0	2	1	0	10	5	0
25	0	0	0	2	0	0	9	8	1	1	0	0	12	8	1
24	0	0	0	5	0	0	9	7	0	5	0	0	19	7	0
23	0	0	1	3	0	0	13	14	0	1	0	0	17	14	1
22	0	0	0	5	1	0	16	11	2	5	5	0	26	17	2
21	1	0	0	3	1	0	31	15	3	5	4	0	40	20	3
20	1	0	0	4	2	1	25	18	0	11	9	1	41	29	2
19	0	0	0	3	1	0	23	30	2	4	5	1	30	36	3
18	0	0	0	4	1	0	30	17	1	4	9	0	38	27	1
17	2	0	0	7	0	0	34	20	3	7	3	0	50	23	3
16	0	1	0	9	2	0	30	19	1	6	8	1	45	30	2
15	3	0	0	5	2	0	25	22	1	10	10	0	43	34	1
14	1	0	0	6	5	0	23	32	0	11	10	0	41	47	0
13	0	0	0	7	2	0	13	19	1	6	7	0	26	28	1
12	0	0	0	5	6	0	18	21	0	7	10	1	30	37	1
11	0	2	0	7	7	0	18	28	0	8	5	0	33	42	0
10	0	0	0	6	3	0	24	23	1	2	6	2	32	32	3
9	1	1	0	4	3	0	23	24	2	8	8	0	36	36	2
8	0	0	0	0	6	0	26	31	1	14	9	1	40	46	2
7	0	0	0	6	4	0	22	25	1	8	4	1	36	33	2
6	0	0	0	2	2	0	31	34	2	8	11	0	41	47	2
5	1	0	0	5	8	0	36	28	1	2	4	0	44	40	1
4	0	0	0	2	3	0	27	21	1	3	6	0	32	30	1
3	0	0	0	2	2	0	14	18	1	1	3	0	17	23	1
2	0	0	0	2	1	0	8	2	0	1	1	0	11	4	0
1	0	0	0	0	0	0	2	4	0	0	0	0	2	4	0
0	0	0	0	0	0	0	1	2	1	2	0	0	3	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	76	167	683	22	948	10.8	16.7	13.0	13.0	13.5
Pre-Algebra	101	235	928	35	1299	11.2	15.4	13.3	11.7	13.5
Algebra 1	277	515	1413	81	2286	10.4	14.1	13.3	13.1	13.1
Algebra 2	90	460	1279	78	1907	13.8	14.9	13.4	13.4	13.8
Geometry 1	91	497	1349	74	2011	13.8	15.1	13.5	13.8	14.0
Geometry 2	8	321	1138	69	1536	23.3	17.5	13.8	14.1	14.6
Algebra 3	27	338	1063	72	1500	19.4	17.5	14.2	14.0	15.1
Algebra 4	0	30	204	49	283	0.0	18.0	15.4	14.2	15.5
Trigonometry	0	2	38	6	46	0.0	20.5	15.4	10.0	14.9
Pre-Calculus	0	0	3	0	3	0.0	0.0	8.0	0.0	8.0
Calculus	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Other	0	0	13	3	16	0.0	0.0	8.5	6.0	8.1

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	32	10	42	0.0	0.0	7.9	6.5	7.6
Pre-Algebra	1	0	4	0	5	12.0	0.0	10.8	0.0	11.0
Algebra 1	17	8	12	0	37	10.0	8.1	11.1	0.0	9.9
Algebra 2	197	51	134	1	383	8.8	7.9	12.6	7.0	10.0
Geometry 1	3	7	26	0	36	14.0	11.3	12.2	0.0	12.2
Geometry 2	83	173	168	3	427	12.9	10.7	11.3	8.7	11.3
Algebra 3	1	9	142	1	153	12.0	14.3	11.4	12.0	11.6
Algebra 4	28	310	851	23	1212	19.1	17.4	14.0	13.4	15.0
Trigonometry	1	9	61	40	111	12.0	18.9	18.8	15.4	17.5
Pre-Calculus	1	5	73	5	84	12.0	14.0	16.0	11.0	15.6
Calculus	1	3	7	0	11	12.0	9.7	10.7	0.0	10.5
Other	1	2	39	0	42	12.0	9.5	11.3	0.0	11.3

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	227	402	809	54	1492	10.5	13.5	13.5	14.1	13.1
Pre-Algebra	201	334	592	51	1178	10.2	13.7	13.1	13.8	12.8
Algebra 1	9	46	99	5	159	16.7	18.4	12.5	9.6	14.3
Algebra 2	16	58	111	7	192	14.0	16.5	11.0	8.4	12.8
Geometry 1	209	65	149	12	435	9.1	9.0	10.3	7.7	9.4
Geometry 2	212	75	218	14	519	9.1	9.5	11.7	7.9	10.2
Algebra 3	275	222	319	13	829	9.7	9.6	10.5	7.2	9.9
Algebra 4	275	229	469	14	987	9.7	9.9	10.8	7.5	10.2
Trigonometry	302	558	1425	40	2325	10.5	14.3	12.9	10.8	12.9
Pre-Calculus	302	564	1448	81	2395	10.5	14.4	13.1	13.0	13.1
Calculus	302	566	1517	86	2471	10.5	14.4	13.2	12.9	13.1
Other	302	567	1472	83	2424	10.5	14.4	13.3	13.2	13.2

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	9	72	304	127	512	17.4	16.4	14.1	12.4	14.1
Pre-Algebra	9	88	453	172	722	17.4	15.3	14.7	12.3	14.2
Algebra 1	15	160	902	284	1361	14.5	12.7	12.7	13.1	12.8
Algebra 2	15	160	868	286	1329	14.5	12.7	13.0	13.3	13.0
Geometry 1	10	152	946	285	1393	16.2	13.4	13.1	13.3	13.2
Geometry 2	10	143	819	271	1243	16.2	13.7	13.2	12.9	13.2
Algebra 3	8	122	815	260	1205	13.1	12.5	13.3	13.1	13.2
Algebra 4	2	42	584	244	872	22.0	18.0	15.6	13.6	15.2
Trigonometry	1	1	206	125	333	23.0	16.0	16.5	14.6	15.8
Pre-Calculus	0	4	84	79	167	0.0	21.3	16.8	16.9	17.0
Calculus	0	1	1	7	9	0.0	16.0	17.0	18.0	17.7
Other	0	1	12	5	18	0.0	3.0	13.0	9.8	11.6

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	12.0	0.0	12.0
Pre-Algebra	0	0	1	0	1	0.0	0.0	17.0	0.0	17.0
Algebra 1	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0
Algebra 2	0	0	39	1	40	0.0	0.0	7.1	0.0	6.9
Geometry 1	0	3	11	1	15	0.0	8.0	10.7	6.0	9.9
Geometry 2	0	8	38	0	46	0.0	6.9	8.7	0.0	8.4
Algebra 3	7	43	32	9	91	16.1	13.5	8.0	6.9	11.1
Algebra 4	13	116	234	16	379	13.4	11.2	7.5	5.6	8.8
Trigonometry	1	60	279	64	404	21.0	16.1	15.0	13.1	14.9
Pre-Calculus	2	29	503	156	690	22.0	21.4	16.3	13.5	15.9
Calculus	0	0	17	54	71	0.0	0.0	16.5	17.7	17.4
Other	0	1	16	21	38	0.0	16.0	9.9	9.0	9.5

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	6	97	757	164	1024	10.2	10.2	12.4	13.8	12.4
Pre-Algebra	6	81	609	119	815	10.2	10.2	11.5	14.5	11.8
Algebra 1	0	9	161	7	177	0.0	15.7	13.6	16.4	13.9
Algebra 2	0	9	156	4	169	0.0	15.7	13.6	9.8	13.6
Geometry 1	5	14	106	5	130	11.2	8.0	11.0	10.2	10.7
Geometry 2	5	18	206	20	249	11.2	8.7	12.1	16.9	12.2
Algebra 3	0	4	216	22	242	0.0	15.5	11.9	16.3	12.4
Algebra 4	0	11	245	31	287	0.0	10.2	11.4	13.7	11.6
Trigonometry	13	108	578	102	801	13.4	11.0	10.5	11.4	10.7
Pre-Calculus	13	136	476	56	681	13.4	10.7	8.5	7.0	8.9
Calculus	15	168	1045	230	1458	14.5	12.8	12.8	12.0	12.7
Other	15	167	1035	265	1482	14.5	12.9	12.9	13.6	13.0

All Nebraska Schools

Table of Item Difficulty for the
2007 JUMP Examination A

Tabulation of Responses by All 2482 Students
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	31.7	37.6*	18.8	5.1	5.6	1.3	0.0
2	10.4	8.5	33.9	17.2	29.0*	0.9	0.1
3	6.0	70.3*	9.0	4.2	9.5	0.9	0.0
4	6.2	43.4*	12.8	12.0	24.6	1.0	0.1
5	72.4*	3.9	14.2	5.1	3.4	0.6	0.2
6	33.0	21.1	12.4	22.7*	8.9	1.9	0.0
7	6.4	66.0*	5.7	18.7	2.9	0.2	0.1
8	5.8	11.7	37.6	40.5*	2.3	1.9	0.1
9	3.8	5.9	6.3	80.9*	2.1	1.0	0.0
10	0.8	1.5	34.7	1.3	61.3*	0.2	0.2
11	11.8	9.9	65.6*	6.6	5.5	0.5	0.0
12	71.9*	10.3	2.7	9.8	4.0	1.2	0.1
13	8.1	76.0*	4.1	9.8	1.7	0.3	0.0
14	9.9	10.8	41.7*	21.2	15.7	0.6	0.1
15	22.3	9.7	11.5	12.7	41.9*	1.8	0.1
16	39.5*	4.8	40.1	7.7	7.3	0.5	0.0
17	41.2*	20.8	12.9	11.4	12.2	1.2	0.2
18	9.4	52.4*	18.8	10.9	5.7	2.7	0.0
19	45.2*	12.3	24.8	11.8	4.6	1.3	0.0
20	4.8	47.8*	13.2	16.1	16.8	1.2	0.1
21	44.8*	11.0	17.2	16.1	8.6	2.3	0.1
22	22.7	13.6	32.7*	18.3	11.6	1.1	0.0
23	16.1	6.4	27.4*	7.1	41.5	1.2	0.2
24	11.5	16.8	17.3	43.5*	7.8	2.9	0.1
25	9.5	15.5	20.8	17.5	35.2*	1.3	0.1
26	19.3	12.4	52.1*	7.7	7.0	1.2	0.2
27	30.2*	35.0	9.7	7.5	14.5	2.9	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
2007 JUMP Examination B

Tabulation of Responses by All 1538 Students
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	5.2	18.7*	28.1	42.4	4.9	0.7	0.1
2	29.6	18.5	18.6	20.9	10.3*	2.1	0.1
3	25.0	48.7*	11.9	8.8	4.4	1.1	0.1
4	5.4	3.8*	6.6	13.8	69.4	1.0	0.1
5	66.3*	5.9	5.9	16.1	5.2	0.7	0.0
6	9.4	56.6	19.0	9.4*	3.5	2.0	0.1
7	16.1	5.5*	14.0	60.5	3.3	0.6	0.1
8	5.4	10.4	67.7	5.7*	9.7	1.0	0.1
9	5.1	5.8	7.6	70.2*	9.0	2.2	0.1
10	66.1	12.4	7.7	4.7	5.5*	3.4	0.2
11	16.1	8.5	9.8*	10.3	50.5	4.5	0.3
12	7.1*	15.0	56.6	12.5	4.6	4.2	0.1
13	27.4	20.1*	25.4	16.1	6.9	4.0	0.1
14	3.6	28.1	10.7*	49.2	4.3	4.0	0.1
15	5.3	55.3	15.0	14.7	4.2*	5.4	0.1
16	13.3*	56.5	7.2	13.9	5.0	4.0	0.1
17	8.6*	7.9	17.2	5.1	56.1	4.8	0.3
18	16.4	8.8*	21.8	37.3	10.4	5.2	0.1
19	8.0*	9.0	10.9	58.8	7.0	6.4	0.0
20	13.3	15.8*	14.6	45.6	4.3	6.3	0.1
21	16.5*	34.1	17.8	10.4	11.6	9.4	0.2
22	13.7	5.7	15.6*	51.1	6.8	7.1	0.1
23	7.7	12.1	17.9*	30.3	23.9	7.9	0.2
24	15.3	20.2	19.7	19.8*	15.9	9.1	0.1
25	8.5	7.8	59.4	12.3	4.8*	7.0	0.2
26	20.7	33.0	19.8*	10.8	7.9	7.7	0.1
27	10.5*	9.7	26.1	9.6	34.8	9.4	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
2007 JUMP Examination A

Tabulation of Responses by 303 Students in Grade 9
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	30.7	37.3*	18.5	6.3	5.9	1.3	0.0
2	12.5	6.3	33.3	18.5	27.7*	1.0	0.7
3	10.6	56.1*	11.9	4.6	15.2	1.7	0.0
4	12.5	39.6*	14.9	14.2	17.5	1.3	0.0
5	65.0*	5.9	19.8	5.6	3.0	0.3	0.3
6	41.3	17.2	9.6	21.1*	8.9	2.0	0.0
7	5.6	57.8*	9.2	25.4	1.7	0.3	0.0
8	6.6	13.2	39.6	36.3*	2.3	2.0	0.0
9	8.6	6.3	12.5	67.0*	4.0	1.7	0.0
10	1.7	0.7	38.0	2.3	56.8*	0.7	0.0
11	13.2	19.1	50.2*	9.6	6.9	1.0	0.0
12	50.2*	22.8	4.3	18.5	2.3	2.0	0.0
13	18.2	50.5*	8.9	17.8	4.3	0.3	0.0
14	8.6	12.9	28.1*	24.1	25.4	1.0	0.0
15	34.7	12.5	10.6	14.2	26.7*	1.3	0.0
16	19.8*	10.9	50.5	10.2	8.3	0.3	0.0
17	34.3*	21.8	15.5	9.6	17.8	1.0	0.0
18	15.5	42.9*	17.5	13.9	7.3	3.0	0.0
19	34.3*	16.8	25.1	15.8	6.9	1.0	0.0
20	5.3	51.8*	15.5	20.1	6.3	0.7	0.3
21	38.9*	11.9	22.1	12.5	11.9	2.6	0.0
22	19.8	15.5	27.4*	19.5	17.5	0.3	0.0
23	25.4	7.9	12.9*	8.3	44.6	0.7	0.3
24	11.9	16.8	27.1	30.4*	11.9	2.0	0.0
25	14.5	15.5	19.5	23.4	25.1*	1.3	0.7
26	22.4	16.5	42.9*	8.6	8.3	1.3	0.0
27	22.4*	38.0	11.9	8.3	18.2	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
2007 JUMP Examination A

Tabulation of Responses by 569 Students in Grade 10
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	32.9	36.6*	19.2	6.3	4.7	0.4	0.0
2	10.7	7.7	33.9	12.0	34.8*	0.9	0.0
3	3.7	79.3*	5.8	3.2	6.7	1.2	0.2
4	5.3	44.6*	9.3	10.5	29.2	1.1	0.0
5	79.4*	2.6	11.1	3.0	3.2	0.5	0.2
6	30.8	23.2	12.0	22.1*	9.3	2.6	0.0
7	5.4	74.2*	3.5	13.4	2.8	0.5	0.2
8	6.3	11.1	30.8	46.4*	3.5	1.6	0.4
9	2.5	6.7	4.6	83.7*	1.9	0.7	0.0
10	0.0	0.7	31.8	1.1	65.7*	0.5	0.2
11	10.2	9.0	67.7*	8.1	4.4	0.7	0.0
12	71.4*	10.5	1.9	11.4	3.5	1.2	0.0
13	8.3	78.2*	3.5	7.6	1.9	0.5	0.0
14	8.1	10.9	52.4*	17.2	10.2	0.9	0.4
15	21.4	7.9	7.2	10.7	51.8*	0.9	0.0
16	44.5*	3.5	38.1	7.4	5.8	0.5	0.2
17	44.8*	20.4	9.0	11.4	12.0	1.9	0.5
18	8.8	58.2*	16.0	10.0	4.6	2.5	0.0
19	51.8*	9.8	24.3	7.9	4.7	1.4	0.0
20	4.0	54.7*	10.2	14.6	14.9	1.4	0.2
21	51.7*	9.5	12.7	14.2	10.4	1.6	0.0
22	23.7	11.1	36.6*	17.8	9.3	1.6	0.0
23	14.4	5.8	30.8*	4.9	42.4	1.4	0.4
24	10.4	12.5	13.5	53.3*	7.0	3.3	0.0
25	7.7	13.4	23.4	18.3	36.0*	1.2	0.0
26	22.0	8.8	54.0*	7.9	6.3	0.9	0.2
27	35.7*	33.7	9.7	7.2	11.6	2.1	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
2007 JUMP Examination A

Tabulation of Responses by 1524 Students in Grade 11
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	30.8	38.3*	18.8	4.4	6.0	1.7	0.0
2	10.2	9.3	33.3	18.8	27.4*	0.9	0.1
3	6.2	70.3*	9.4	4.3	9.1	0.7	0.0
4	5.2	43.9*	13.7	12.3	23.9	0.9	0.1
5	71.4*	4.2	14.0	5.8	3.7	0.7	0.3
6	32.4	21.2	12.9	23.0*	8.9	1.6	0.0
7	6.7	65.1*	5.9	19.1	3.0	0.1	0.1
8	5.4	11.7	39.1	39.8*	1.8	2.1	0.1
9	3.3	5.5	5.8	83.0*	1.4	0.9	0.1
10	0.9	1.9	34.9	1.2	60.8*	0.1	0.2
11	12.5	8.4	67.3*	5.5	5.8	0.4	0.1
12	76.0*	7.9	2.7	7.7	4.5	1.1	0.1
13	6.2	80.1*	3.3	9.0	1.2	0.3	0.0
14	10.8	10.4	40.7*	22.0	15.5	0.5	0.1
15	20.3	9.8	13.1	13.5	40.9*	2.2	0.1
16	42.0*	4.2	38.4	7.3	7.6	0.5	0.0
17	41.4*	20.1	14.0	11.9	11.4	1.0	0.1
18	8.3	52.4*	19.8	10.6	5.8	3.0	0.1
19	45.1*	12.4	24.9	12.3	4.0	1.4	0.0
20	5.2	44.8*	13.5	15.6	19.6	1.2	0.1
21	43.5*	11.2	18.2	17.3	7.4	2.4	0.1
22	22.5	14.1	32.7*	18.1	11.4	1.2	0.0
23	15.5	6.5	28.7*	7.6	40.3	1.3	0.1
24	12.0	18.7	17.3	41.5*	7.4	3.0	0.2
25	9.2	16.3	19.6	16.5	36.9*	1.4	0.0
26	18.2	13.4	52.3*	7.3	7.1	1.4	0.2
27	29.5*	35.0	9.4	7.3	15.0	3.6	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
2007 JUMP Examination A

Tabulation of Responses by 86 Students in Grade 12
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	41.9	33.7*	16.3	4.7	3.5	0.0	0.0
2	3.5	5.8	47.7	17.4	25.6*	0.0	0.0
3	3.5	61.6*	11.6	8.1	15.1	0.0	0.0
4	8.1	38.4*	11.6	9.3	31.4	1.2	0.0
5	70.9*	1.2	18.6	5.8	2.3	1.2	0.0
6	29.1	18.6	17.4	26.7*	5.8	1.2	1.2
7	9.3	57.0*	4.7	22.1	7.0	0.0	0.0
8	5.8	11.6	50.0	27.9*	3.5	1.2	0.0
9	4.7	7.0	3.5	75.6*	7.0	2.3	0.0
10	2.3	2.3	38.4	1.2	55.8*	0.0	0.0
11	5.8	10.5	75.6*	5.8	2.3	0.0	0.0
12	80.2*	8.1	2.3	4.7	4.7	0.0	0.0
13	5.8	80.2*	4.7	9.3	0.0	0.0	0.0
14	10.5	10.5	34.9*	23.3	20.9	0.0	0.0
15	19.8	8.1	16.3	7.0	47.7*	1.2	0.0
16	32.6*	2.3	46.5	9.3	9.3	0.0	0.0
17	37.2*	32.6	10.5	9.3	9.3	1.2	0.0
18	10.5	47.7*	25.6	10.5	5.8	0.0	0.0
19	41.9*	11.6	25.6	15.1	5.8	0.0	0.0
20	2.3	40.7*	18.6	20.9	16.3	1.2	0.0
21	41.9*	14.0	14.0	20.9	5.8	3.5	0.0
22	30.2	15.1	25.6*	19.8	9.3	0.0	0.0
23	5.8	4.7	34.9*	7.0	46.5	0.0	1.2
24	9.3	12.8	9.3	61.6*	5.8	1.2	0.0
25	10.5	15.1	30.2	10.5	33.7*	0.0	0.0
26	10.5	5.8	69.8*	9.3	4.7	0.0	0.0
27	32.6*	33.7	8.1	10.5	12.8	2.3	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 2007
JUMP Examination B

Tabulation of Responses by 15 Students in Grade 9
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	0.0	13.3*	40.0	46.7	0.0	0.0	0.0
2	40.0	13.3	13.3	26.7	6.7*	0.0	0.0
3	20.0	73.3*	6.7	0.0	0.0	0.0	0.0
4	0.0	0.0*	6.7	0.0	93.3	0.0	0.0
5	80.0*	6.7	0.0	13.3	0.0	0.0	0.0
6	6.7	46.7	40.0	0.0*	0.0	6.7	0.0
7	0.0	0.0*	13.3	86.7	0.0	0.0	0.0
8	6.7	6.7	80.0	0.0*	6.7	0.0	0.0
9	0.0	0.0	0.0	86.7*	13.3	0.0	0.0
10	80.0	6.7	0.0	13.3	0.0*	0.0	0.0
11	6.7	20.0	6.7*	13.3	53.3	0.0	0.0
12	0.0*	6.7	80.0	13.3	0.0	0.0	0.0
13	33.3	46.7*	6.7	13.3	0.0	0.0	0.0
14	0.0	20.0	13.3*	66.7	0.0	0.0	0.0
15	0.0	80.0	6.7	13.3	0.0*	0.0	0.0
16	6.7*	80.0	6.7	6.7	0.0	0.0	0.0
17	6.7*	0.0	0.0	0.0	86.7	6.7	0.0
18	6.7	13.3*	13.3	53.3	6.7	6.7	0.0
19	20.0*	0.0	6.7	60.0	13.3	0.0	0.0
20	20.0	33.3*	33.3	6.7	6.7	0.0	0.0
21	46.7*	20.0	13.3	6.7	13.3	0.0	0.0
22	6.7	13.3	20.0*	33.3	26.7	0.0	0.0
23	13.3	33.3	6.7*	20.0	26.7	0.0	0.0
24	26.7	6.7	13.3	26.7*	26.7	0.0	0.0
25	20.0	13.3	33.3	26.7	6.7*	0.0	0.0
26	13.3	20.0	26.7*	33.3	6.7	0.0	0.0
27	26.7*	13.3	33.3	0.0	20.0	6.7	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 2007
JUMP Examination B

Tabulation of Responses by 169 Students in Grade 10
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	0.6	18.9*	33.1	43.2	4.1	0.0	0.0
2	34.3	12.4	17.8	21.9	11.8*	1.8	0.0
3	32.0	46.2*	9.5	7.1	4.7	0.6	0.0
4	2.4	1.2*	1.8	14.8	79.3	0.6	0.0
5	72.8*	5.9	4.1	14.2	2.4	0.6	0.0
6	10.1	61.5	17.2	8.9*	0.6	1.8	0.0
7	12.4	1.8*	9.5	72.8	3.6	0.0	0.0
8	1.8	4.7	81.1	7.1*	4.1	1.2	0.0
9	4.7	5.3	5.9	77.5*	3.6	2.4	0.6
10	65.1	10.7	3.6	5.3	4.7*	10.7	0.0
11	16.6	9.5	8.9*	10.7	43.2	11.2	0.0
12	5.9*	11.2	56.2	10.7	4.7	11.2	0.0
13	30.8	22.5*	19.5	13.6	2.4	11.2	0.0
14	2.4	22.5	5.3*	55.6	2.4	11.8	0.0
15	1.2	63.3	11.8	7.1	3.0*	13.6	0.0
16	7.1*	61.5	5.3	10.1	4.7	11.2	0.0
17	8.3*	1.8	11.2	3.6	62.1	13.0	0.0
18	17.2	6.5*	14.2	43.8	7.1	11.2	0.0
19	8.9*	13.0	15.4	47.3	7.1	8.3	0.0
20	16.0	17.8*	20.7	30.8	5.9	8.9	0.0
21	14.2*	30.2	20.7	10.7	11.8	11.2	1.2
22	17.8	7.1	21.9*	33.7	10.1	8.9	0.6
23	5.3	10.7	14.8*	34.9	23.7	10.1	0.6
24	15.4	17.2	18.3	21.3*	17.2	10.7	0.0
25	15.4	14.8	36.1	17.8	7.1*	8.9	0.0
26	16.0	26.6	23.1*	17.8	6.5	10.1	0.0
27	6.5*	7.7	27.8	9.5	37.9	10.7	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 2007
JUMP Examination B

Tabulation of Responses by 1063 Students in Grade 11
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	6.1	18.1*	27.9	42.2	5.1	0.5	0.1
2	29.3	18.7	19.0	21.5	9.3*	2.1	0.1
3	24.2	49.4*	11.9	8.8	4.6	0.9	0.2
4	5.7	3.8*	7.7	13.5	68.2	0.9	0.1
5	64.0*	5.7	5.7	18.0	5.9	0.7	0.0
6	9.4	55.7	19.2	9.7*	4.1	1.9	0.0
7	17.5	5.9*	14.6	58.3	3.1	0.5	0.1
8	5.8	10.6	66.0	5.4*	11.1	0.9	0.1
9	5.3	6.3	8.4	68.6*	9.4	2.1	0.0
10	65.5	12.5	8.7	5.2	5.4*	2.5	0.3
11	15.9	8.2	9.5*	10.3	52.1	3.8	0.3
12	7.1*	15.7	57.6	11.7	4.4	3.4	0.1
13	27.4	19.5*	26.3	16.0	7.4	3.3	0.1
14	3.7	28.3	11.7*	48.7	4.5	3.0	0.1
15	5.9	55.6	15.1	15.1	4.0*	4.2	0.1
16	14.6*	54.7	7.1	14.9	5.4	3.3	0.1
17	9.3*	9.1	17.6	5.7	54.2	4.0	0.1
18	16.8	8.8*	22.0	36.6	11.1	4.5	0.1
19	7.7*	8.8	10.2	59.2	7.0	7.1	0.0
20	12.9	14.7*	13.5	47.7	4.1	7.1	0.0
21	16.2*	34.2	17.7	10.3	11.0	10.5	0.1
22	12.6	5.8	14.0*	53.6	5.7	8.2	0.0
23	7.1	11.9	19.7*	28.7	23.8	8.7	0.1
24	16.3	21.0	19.6	18.6*	14.5	10.1	0.0
25	7.6	6.2	62.4	11.4	4.0*	8.2	0.2
26	21.0	34.0	19.8*	8.6	7.9	8.7	0.1
27	10.3*	9.2	25.5	9.4	35.0	10.6	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 2007
JUMP Examination B

Tabulation of Responses by 291 Students in Grade 12
Percent of Responses

ITEM	A	B	C	D	E	OMITS	?
1	4.8	21.0*	25.1	42.3	5.2	1.7	0.0
2	27.5	21.3	17.9	17.9	13.1*	2.4	0.0
3	24.1	46.4*	13.7	10.0	3.8	2.1	0.0
4	6.2	5.5*	5.5	14.8	66.7	1.4	0.0
5	70.4*	6.2	7.6	10.7	4.5	0.7	0.0
6	8.9	57.7	18.2	9.3*	3.1	2.4	0.3
7	13.7	6.5*	14.4	60.1	3.8	1.4	0.0
8	5.8	13.1	65.3	6.2*	7.9	1.4	0.3
9	4.8	4.5	6.2	71.1*	10.3	2.7	0.3
10	68.4	13.4	6.9	2.4	6.5*	2.4	0.0
11	17.2	8.2	11.7*	10.3	48.8	3.4	0.3
12	7.9*	14.8	52.2	16.5	5.2	3.4	0.0
13	25.1	19.6*	26.5	17.9	7.9	2.7	0.3
14	4.5	30.9	10.3*	46.4	4.8	3.1	0.0
15	5.8	48.5	16.8	17.9	5.8*	5.2	0.0
16	12.4*	59.1	8.6	13.1	4.1	2.7	0.0
17	6.2*	7.6	19.9	4.1	58.1	3.1	1.0
18	15.1	10.0*	25.8	35.1	10.0	4.1	0.0
19	7.9*	7.6	11.3	63.9	6.5	2.7	0.0
20	13.1	17.9*	14.1	48.8	3.8	2.1	0.3
21	17.5*	36.4	16.8	11.0	13.4	4.8	0.0
22	15.5	4.1	17.5*	52.9	7.6	2.4	0.0
23	11.0	12.7	13.7*	34.0	24.4	3.8	0.3
24	11.0	19.6	21.3	22.7*	19.9	5.2	0.3
25	7.2	9.3	63.6	11.7	6.2*	1.7	0.3
26	23.0	33.7	17.5*	13.7	8.6	3.4	0.0
27	12.7*	12.4	26.8	10.7	33.0	4.5	0.0

(*) Correct Response

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