

GE Math Survey Spring 2006

Course ID

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	23 MATH 107-9	39	5.0	5.0	5.0
	44 MATH 105-10	26	3.3	3.3	8.3
	49 MATH 105-1	21	2.7	2.7	11.0
	52 MATH 105-4	30	3.8	3.8	14.9
	53 MATH 105-5	27	3.5	3.5	18.3
	54 MATH 105-6	29	3.7	3.7	22.0
	56 MATH 105-8	28	3.6	3.6	25.6
	57 MATH 105-9	28	3.6	3.6	29.2
	62 MATH 120-1	12	1.5	1.5	30.7
	64 MATH 120-3	24	3.1	3.1	33.8
	65 MATH 120-4	27	3.5	3.5	37.3
	66 MATH 120-5	21	2.7	2.7	39.9
	67 MATH 120-6	19	2.4	2.4	42.4
	76 CIVL 302-2	45	5.8	5.8	48.1
	81 MATH 101-1	18	2.3	2.3	50.4
	82 MATH 101-2	27	3.5	3.5	53.9
	83 MATH 101-3	27	3.5	3.5	57.4
	84 MATH 101-4	25	3.2	3.2	60.6
	85 MATH 101-5	30	3.8	3.8	64.4
	86 MATH 101-6	18	2.3	2.3	66.7
	87 MATH 101-7	21	2.7	2.7	69.4
	88 MATH 101-8	26	3.3	3.3	72.7
	89 MATH 101-9	29	3.7	3.7	76.4
	91 MATH 107-1	26	3.3	3.3	79.8
	92 MATH 107-2	36	4.6	4.6	84.4
	94 MATH 107-4	28	3.6	3.6	88.0
	95 MATH 107-5	30	3.8	3.8	91.8
	97 MATH 107-7	33	4.2	4.2	96.0
	98 MATH 107-8	31	4.0	4.0	100.0
	Total	781	100.0	100.0	

Q1. What is your current class level?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Freshman	439	56.2	56.4	56.4
	2 Sophomore	155	19.8	19.9	76.3
	3 Junior	122	15.6	15.7	92.0
	4 Senior	58	7.4	7.5	99.5
	5 Post-baccalaureate	4	.5	.5	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		

Q2. At what class level did you enter Chico State?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Freshman	660	84.5	84.8	84.8
	2 Sophomore	41	5.2	5.3	90.1
	3 Junior	71	9.1	9.1	99.2
	4 Senior	3	.4	.4	99.6
	5 Post-baccalaureate	3	.4	.4	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		

Q3. How many semesters have you attended Chico State?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 My 1st semester	57	7.3	7.3	7.3
	2 1-2	462	59.2	59.2	66.5
	3 3-4	161	20.6	20.6	87.2
	4 5-6	59	7.6	7.6	94.7
	5 More than 6	41	5.2	5.3	100.0
	Total	780	99.9	100.0	
Missing	-1	1	.1		
Total		781	100.0		

Q4a. Math class took while in high school: Algebra 1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	605	77.5	77.5	77.5
	2 Not marked	176	22.5	22.5	100.0
	Total	781	100.0	100.0	

Q4b. Math class took while in high school: Geometry

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	679	86.9	86.9	86.9
	2 Not marked	102	13.1	13.1	100.0
	Total	781	100.0	100.0	

Q4c. Math class took while in high school: Algebra 2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	693	88.7	88.7	88.7
	2 Not marked	88	11.3	11.3	100.0
	Total	781	100.0	100.0	

Q4d. Math class took while in high school: Statistics

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	131	16.8	16.8	16.8
	2 Not marked	650	83.2	83.2	100.0
	Total	781	100.0	100.0	

Q4e. Math class took while in high school: Trigonometry

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	251	32.1	32.1	32.1
	2 Not marked	530	67.9	67.9	100.0
	Total	781	100.0	100.0	

Q4f. Math class took while in high school: Math analysis

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	94	12.0	12.0	12.0
	2 Not marked	687	88.0	88.0	100.0
	Total	781	100.0	100.0	

Q4g. Math class took while in high school: Precalculus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	252	32.3	32.3	32.3
	2 Not marked	529	67.7	67.7	100.0
	Total	781	100.0	100.0	

Q4h. Math class took while in high school: Calculus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	84	10.8	10.8	10.8
	2 Not marked	697	89.2	89.2	100.0
	Total	781	100.0	100.0	

Q5a. College math class completed prior to this semester: None

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	210	26.9	26.9	26.9
	2 Not marked	571	73.1	73.1	100.0
	Total	781	100.0	100.0	

Q5b. College math class completed prior to this semester: Remedial

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	271	34.7	34.7	34.7
	2 Not marked	510	65.3	65.3	100.0
	Total	781	100.0	100.0	

Q5c. College math class completed prior to this semester: Business math

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	52	6.7	6.7	6.7
	2 Not marked	729	93.3	93.3	100.0
	Total	781	100.0	100.0	

Q5d. College math class completed prior to this semester: Statistics

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	103	13.2	13.2	13.2
	2 Not marked	678	86.8	86.8	100.0
	Total	781	100.0	100.0	

Q5e. College math class completed prior to this semester: Trigonometry

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	72	9.2	9.2	9.2
	2 Not marked	709	90.8	90.8	100.0
	Total	781	100.0	100.0	

Q5f. College math class completed prior to this semester: Precalculus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	101	12.9	12.9	12.9
	2 Not marked	680	87.1	87.1	100.0
	Total	781	100.0	100.0	

Q5g. College math class completed prior to this semester: Calculus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	94	12.0	12.0	12.0
	2 Not marked	687	88.0	88.0	100.0
	Total	781	100.0	100.0	

Q5h. College math class completed prior to this semester: Other GE math

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Marked	98	12.5	12.5	12.5
	2 Not marked	683	87.5	87.5	100.0
	Total	781	100.0	100.0	

Q6. When did you take your last college MATH class?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Currently enrolled	415	53.1	53.3	53.3
	2 Last semester	185	23.7	23.8	77.1
	3 Last year	108	13.8	13.9	91.0
	4 Two years ago	32	4.1	4.1	95.1
	5 More than 2 years ago	38	4.9	4.9	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		

Q7. After this semester, how many more MATH classes do you anticipate you will take?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 None	384	49.2	49.4	49.4
	2 One	169	21.6	21.7	71.1
	3 Two	111	14.2	14.3	85.3
	4 Three	56	7.2	7.2	92.5
	5 More than three	58	7.4	7.5	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		

Q8. Other than in MATH classes, how frequently have you used math in GE classes?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	105	13.4	13.6	13.6
	2 Seldom	324	41.5	41.9	55.4
	3 Occasionally	258	33.0	33.3	88.8
	4 Frequently	77	9.9	9.9	98.7
	9 Don't know	10	1.3	1.3	100.0
	Total	774	99.1	100.0	
Missing	-1	7	.9		
Total		781	100.0		

Q9. Other than in MATH classes, how frequently have you used math in your major classes?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	154	19.7	19.9	19.9
	2 Seldom	160	20.5	20.7	40.7
	3 Occasionally	152	19.5	19.7	60.4
	4 Frequently	238	30.5	30.8	91.2
	9 Don't know	68	8.7	8.8	100.0
	Total	772	98.8	100.0	
Missing	-1	9	1.2		
Total		781	100.0		

Q10. I enjoy using math.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	71	9.1	9.1	9.1
	2 Disagree	126	16.1	16.2	25.3
	3 Neither	162	20.7	20.8	46.0
	4 Agree	318	40.7	40.8	86.8
	5 Strongly agree	103	13.2	13.2	100.0
	Total	780	99.9	100.0	
Missing	-1	1	.1		
Total		781	100.0		

Q11. I have a good attitude about math.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	50	6.4	6.4	6.4
	2 Disagree	122	15.6	15.7	22.1
	3 Neither	149	19.1	19.2	41.3
	4 Agree	356	45.6	45.8	87.0
	5 Strongly agree	101	12.9	13.0	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		

Q12. Math is important in my daily activities.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	40	5.1	5.2	5.2
	2 Disagree	107	13.7	13.8	19.0
	3 Neither	211	27.0	27.3	46.3
	4 Agree	333	42.6	43.0	89.3
	5 Strongly agree	83	10.6	10.7	100.0
	Total	774	99.1	100.0	
Missing	-1	7	.9		
Total		781	100.0		

Q13. I can use math correctly.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	8	1.0	1.0	1.0
	2 Disagree	22	2.8	2.8	3.9
	3 Neither	81	10.4	10.5	14.3
	4 Agree	543	69.5	70.1	84.4
	5 Strongly agree	121	15.5	15.6	100.0
	Total	775	99.2	100.0	
Missing	-1	6	.8		
Total		781	100.0		

Q14. I can use math to help me think and reason.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	11	1.4	1.4	1.4
	2 Disagree	43	5.5	5.5	6.9
	3 Neither	134	17.2	17.2	24.1
	4 Agree	477	61.1	61.2	85.4
	5 Strongly agree	114	14.6	14.6	100.0
	Total	779	99.7	100.0	
Missing	-1	2	.3		
Total		781	100.0		

Q15. Math can be useful in many disciplines.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	11	1.4	1.4	1.4
	2 Disagree	45	5.8	5.8	7.2
	3 Neither	176	22.5	22.8	30.0
	4 Agree	404	51.7	52.3	82.3
	5 Strongly agree	137	17.5	17.7	100.0
	Total	773	99.0	100.0	
Missing	-1	8	1.0		
Total		781	100.0		

Q16. I can apply math successfully to represent situations and processes.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	17	2.2	2.2	2.2
	2 Disagree	48	6.1	6.2	8.4
	3 Neither	169	21.6	21.8	30.2
	4 Agree	452	57.9	58.3	88.5
	5 Strongly agree	89	11.4	11.5	100.0
	Total	775	99.2	100.0	
Missing	-1	6	.8		
Total		781	100.0		

Q17. I can recognize when a situation or process can be addressed mathematically.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly disagree	10	1.3	1.3	1.3
	2 Disagree	41	5.2	5.3	6.6
	3 Neither	91	11.7	11.7	18.3
	4 Agree	514	65.8	66.1	84.3
	5 Strongly agree	122	15.6	15.7	100.0
	Total	778	99.6	100.0	
Missing	-1	3	.4		
Total		781	100.0		