

Student Questionnaire: Academic Program–All Students

School Results

School: Loretto Abbey Catholic SS (728055)

Board: Toronto Catholic District School Board (67059)

Attitudes Toward Mathematics

Number of Respondents	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	214		4 400		98 764	
1. Indicate the degree to which you agree or disagree with each of the following statements.						
a. I like mathematics.						
Strongly agree or agree	123	57%	2 329	53%	50 913	52%
Undecided	50	23%	1 078	24%	24 605	25%
Disagree or strongly disagree	41	19%	982	22%	23 043	23%
no response/ambiguous response	0	0%	11	<1%	203	<1%
b. I am good at mathematics.						
Strongly agree or agree	86	40%	1 995	45%	49 024	50%
Undecided	84	39%	1 519	35%	29 991	30%
Disagree or strongly disagree	44	21%	868	20%	19 450	20%
no response/ambiguous response	0	0%	18	<1%	299	<1%
c. I understand most of the mathematics I am taught.						
Strongly agree or agree	158	74%	3 107	71%	69 703	71%
Undecided	38	18%	886	20%	18 689	19%
Disagree or strongly disagree	18	8%	389	9%	10 006	10%
no response/ambiguous response	0	0%	18	<1%	366	<1%
d. The mathematics I learn now is very useful for everyday life.						
Strongly agree or agree	74	35%	1 798	41%	35 108	36%
Undecided	80	37%	1 430	32%	32 704	33%
Disagree or strongly disagree	60	28%	1 148	26%	30 560	31%
no response/ambiguous response	0	0%	24	1%	392	<1%

1. Numbers and percentages are based on the total number of students who completed a questionnaire.

2. Percentages may not add up to 100, due to rounding.

Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	214		4 400		98 764	
	#	% ²	#	% ²	#	% ²
e. I need to keep taking mathematics for the kind of job I want after I leave school.						
Strongly agree or agree	130	61%	2 477	56%	54 717	55%
Undecided	60	28%	1 296	29%	29 962	30%
Disagree or strongly disagree	24	11%	604	14%	13 631	14%
no response/ambiguous response	0	0%	23	1%	454	<1%
f. Mathematics is boring.						
Strongly agree or agree	40	19%	1 174	27%	31 005	31%
Undecided	55	26%	1 252	28%	27 793	28%
Disagree or strongly disagree	118	55%	1 941	44%	39 364	40%
no response/ambiguous response	1	<1%	33	1%	602	1%
g. Mathematics is an easy subject.						
Strongly agree or agree	43	20%	1 075	24%	26 623	27%
Undecided	72	34%	1 350	31%	28 596	29%
Disagree or strongly disagree	98	46%	1 951	44%	43 010	44%
no response/ambiguous response	1	<1%	24	1%	535	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	214		4 400		98 764	
2. Indicate how easy or hard you find mathematics questions that deal with the following.						
a. Number sense (e.g., operations with integers, rational numbers, exponents)						
Very easy or easy	150	70%	3 093	70%	66 218	67%
Undecided	46	21%	922	21%	21 620	22%
Hard or very hard	17	8%	352	8%	10 112	10%
no response/ambiguous response	1	<1%	33	1%	814	1%
b. Algebra (e.g., solving equations, simplifying expressions with polynomials)						
Very easy or easy	138	64%	2 640	60%	59 158	60%
Undecided	48	22%	936	21%	20 381	21%
Hard or very hard	28	13%	798	18%	18 487	19%
no response/ambiguous response	0	0%	26	1%	738	1%
c. Linear relations (e.g., scatter plots, lines of best fit)						
Very easy or easy	74	35%	2 078	47%	47 683	48%
Undecided	82	38%	1 358	31%	28 744	29%
Hard or very hard	57	27%	929	21%	21 550	22%
no response/ambiguous response	1	<1%	35	1%	787	1%
d. Analytic geometry (e.g., slope, y-intercept, equations of lines)						
Very easy or easy	89	42%	1 903	43%	40 227	41%
Undecided	50	23%	1 140	26%	25 381	26%
Hard or very hard	75	35%	1 318	30%	32 310	33%
no response/ambiguous response	0	0%	39	1%	846	1%
e. Measurement (e.g., perimeter, surface area, volume)						
Very easy or easy	184	86%	3 292	75%	74 375	75%
Undecided	20	9%	736	17%	15 853	16%
Hard or very hard	10	5%	327	7%	7 550	8%
no response/ambiguous response	0	0%	45	1%	986	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	214		4 400		98 764	
	#	% ²	#	% ²	#	% ²
f. Geometry (e.g., angles, quadrilaterals)						
Very easy or easy	147	69%	2 637	60%	62 616	63%
Undecided	41	19%	1 119	25%	22 566	23%
Hard or very hard	26	12%	596	14%	12 602	13%
no response/ambiguous response	0	0%	48	1%	980	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

Number of Respondents	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	214		4 400		98 764	
3a. Do you have a computer <i>at home</i> that you use for mathematics school work?						
Yes	82	38%	2 144	49%	51 664	52%
No	131	61%	2 204	50%	46 122	47%
no response/ambiguous response	1	<1%	52	1%	978	1%
b. Do you have a scientific calculator <i>at home</i> that you use for mathematics school work?						
Yes	199	93%	3 789	86%	84 567	86%
No	14	7%	562	13%	13 246	13%
no response/ambiguous response	1	<1%	49	1%	951	1%
c. Do you have a graphing calculator <i>at home</i> that you use for mathematics school work?						
Yes	23	11%	662	15%	8 406	9%
No	190	89%	3 681	84%	89 175	90%
no response/ambiguous response	1	<1%	57	1%	1 183	1%
4a. How much time to you <i>usually</i> spend on mathematics homework (in or out of school) on any given day?						
I usually spend <i>more than 45 minutes</i> on mathematics homework.	45	21%	1 201	27%	22 013	22%
I usually spend <i>between 31 and 45 minutes</i> on mathematics homework.	95	44%	1 694	38%	35 594	36%
I usually spend <i>30 minutes or less</i> on mathematics homework.	69	32%	1 358	31%	37 219	38%
I am not usually assigned any mathematics homework.	3	1%	83	2%	2 689	3%
no response/ambiguous response	2	1%	64	1%	1 249	1%
b. How often do you complete all of your mathematics homework?						
Never or seldom	22	10%	469	11%	11 626	12%
Sometimes	49	23%	1 160	26%	23 060	23%
Often or always	141	66%	2 705	61%	62 775	64%
no response/ambiguous response	2	1%	66	2%	1 303	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	214		4 400		98 764	
5. What languages do you speak at home?						
Only or mostly English	142	66%	2 775	63%	75 675	77%
Another language (or languages) as often as English	50	23%	967	22%	13 200	13%
Mostly or only another language (or other languages)	18	8%	592	13%	8 522	9%
no response/ambiguous response	4	2%	66	2%	1 367	1%
6. How old are you?						
13 years or younger	0	0%	24	1%	839	1%
14 years	122	57%	2 786	63%	64 324	65%
15 years	88	41%	1 486	34%	31 232	32%
16 years or older	1	<1%	36	1%	1 046	1%
no response/ambiguous response	3	1%	68	2%	1 323	1%
7. How often have you been absent from your Grade 9 mathematics class this year?						
Never	13	6%	843	19%	14 229	14%
One to four times	131	61%	2 480	56%	58 048	59%
Five to nine times	50	23%	717	16%	18 021	18%
10 or more times	17	8%	282	6%	7 035	7%
no response/ambiguous response	3	1%	78	2%	1 431	1%
8. How often have you been late for your Grade 9 mathematics class this year?						
Never	124	58%	2 158	49%	45 139	46%
One to four times	68	32%	1 565	36%	38 103	39%
Five to nine times	12	6%	358	8%	8 568	9%
10 or more times	7	3%	243	6%	5 493	6%
no response/ambiguous response	3	1%	76	2%	1 461	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	214		4 400		98 764	
	#	% ²	#	% ²	#	% ²
9. How many elementary schools (kindergarten to Grade 8) did you attend?						
One school	87	41%	1 802	41%	27 575	28%
Two schools	75	35%	1 382	31%	34 973	35%
Three schools	30	14%	639	15%	18 970	19%
Four schools	8	4%	284	6%	8 460	9%
Five schools or more	11	5%	221	5%	7 298	7%
no response/ambiguous response	3	1%	72	2%	1 488	2%

1. Numbers and percentages are based on the total number of students who completed a questionnaire.

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	214		4 400		98 764	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
1. Indicate the degree to which you agree or disagree with each of the following statements.						
a. I like mathematics.						
Strongly agree or agree	57%	N/D	49%	58%	47%	57%
Undecided	23%	N/D	25%	23%	27%	23%
Disagree or strongly disagree	19%	N/D	26%	18%	27%	20%
no response/ambiguous response	0%	N/D	<1%	<1%	<1%	<1%
b. I am good at mathematics.						
Strongly agree or agree	40%	N/D	38%	54%	43%	57%
Undecided	39%	N/D	38%	30%	33%	28%
Disagree or strongly disagree	21%	N/D	24%	15%	24%	15%
no response/ambiguous response	0%	N/D	<1%	1%	<1%	<1%
c. I understand most of the mathematics I am taught.						
Strongly agree or agree	74%	N/D	69%	73%	67%	74%
Undecided	18%	N/D	21%	19%	21%	17%
Disagree or strongly disagree	8%	N/D	10%	8%	12%	8%
no response/ambiguous response	0%	N/D	<1%	1%	<1%	<1%
d. The mathematics I learn now is very useful for everyday life.						
Strongly agree or agree	35%	N/D	40%	42%	33%	39%
Undecided	37%	N/D	34%	31%	36%	30%
Disagree or strongly disagree	28%	N/D	26%	26%	32%	30%
no response/ambiguous response	0%	N/D	<1%	1%	<1%	<1%
e. I need to keep taking mathematics for the kind of job I want after I leave school.						
Strongly agree or agree	61%	N/D	54%	59%	53%	58%
Undecided	28%	N/D	31%	27%	32%	29%
Disagree or strongly disagree	11%	N/D	15%	12%	15%	13%
no response/ambiguous response	0%	N/D	<1%	1%	<1%	1%

1. Numbers and percentages are based on the total number of students who completed a questionnaire and for whom gender data were available.

2. Percentages may not add up to 100, due to rounding.

Note: N/R "Not reported" indicates that the number of students responding to the questionnaire is so small (fewer than six in a group) that identification of individual results might be possible; therefore, results are not reported.

N/D "No data available" is used to indicate that there were no students for the group specified.

Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
f. Mathematics is boring.						
Strongly agree or agree	19%	N/D	26%	27%	31%	32%
Undecided	26%	N/D	28%	29%	29%	28%
Disagree or strongly disagree	55%	N/D	45%	43%	40%	40%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
g. Mathematics is an easy subject.						
Strongly agree or agree	20%	N/D	20%	30%	22%	32%
Undecided	34%	N/D	31%	30%	29%	29%
Disagree or strongly disagree	46%	N/D	49%	39%	49%	38%
no response/ambiguous response	<1%	N/D	<1%	1%	<1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	214		4 400		98 764	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
2. Indicate how easy or hard you find mathematics questions that deal with the following.						
a. Number sense (e.g., operations with integers, rational numbers, exponents)						
Very easy or easy	70%	N/D	67%	74%	64%	70%
Undecided	21%	N/D	23%	19%	24%	20%
Hard or very hard	8%	N/D	10%	6%	12%	9%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
b. Algebra (e.g., solving equations, simplifying expressions with polynomials)						
Very easy or easy	64%	N/D	61%	58%	61%	59%
Undecided	22%	N/D	21%	22%	20%	21%
Hard or very hard	13%	N/D	18%	19%	19%	19%
no response/ambiguous response	0%	N/D	<1%	1%	1%	1%
c. Linear relations (e.g., scatter plots, lines of best fit)						
Very easy or easy	35%	N/D	46%	49%	45%	51%
Undecided	38%	N/D	31%	30%	30%	28%
Hard or very hard	27%	N/D	22%	19%	24%	20%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
d. Analytic geometry (e.g., slope, y-intercept, equations of lines)						
Very easy or easy	42%	N/D	43%	44%	38%	44%
Undecided	23%	N/D	25%	27%	26%	25%
Hard or very hard	35%	N/D	32%	28%	35%	30%
no response/ambiguous response	0%	N/D	1%	1%	1%	1%
e. Measurement (e.g., perimeter, surface area, volume)						
Very easy or easy	86%	N/D	74%	76%	73%	77%
Undecided	9%	N/D	17%	16%	17%	15%
Hard or very hard	5%	N/D	8%	7%	8%	7%
no response/ambiguous response	0%	N/D	1%	1%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
f. Geometry (e.g., angles, quadrilaterals)						
Very easy or easy	69%	N/D	58%	63%	60%	67%
Undecided	19%	N/D	26%	24%	24%	21%
Hard or very hard	12%	N/D	15%	12%	14%	11%
no response/ambiguous response	0%	N/D	1%	1%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Background

Number of Respondents	School ¹		Board ¹		Province ¹	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
3a. Do you have a computer <i>at home</i> that you use for mathematics school work?						
Yes	38%	N/D	48%	49%	54%	51%
No	61%	N/D	51%	50%	45%	48%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
b. Do you have a scientific calculator <i>at home</i> that you use for mathematics school work?						
Yes	93%	N/D	89%	83%	88%	83%
No	7%	N/D	10%	16%	11%	16%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
c. Do you have a graphing calculator <i>at home</i> that you use for mathematics school work?						
Yes	11%	N/D	16%	14%	8%	9%
No	89%	N/D	83%	85%	91%	90%
no response/ambiguous response	<1%	N/D	1%	1%	1%	1%
4a. How much time to you <i>usually</i> spend on mathematics homework (in or out of school) on any given day?						
I usually spend <i>more than 45 minutes</i> on mathematics homework.	21%	N/D	32%	22%	25%	19%
I usually spend <i>between 31 and 45 minutes</i> on mathematics homework.	44%	N/D	41%	36%	40%	32%
I usually spend <i>30 minutes or less</i> on mathematics homework.	32%	N/D	25%	38%	32%	44%
I am not usually assigned any mathematics homework.	1%	N/D	2%	2%	2%	4%
no response/ambiguous response	1%	N/D	1%	1%	1%	1%
b. How often do you complete all of your mathematics homework?						
Never or seldom	10%	N/D	9%	13%	9%	15%
Sometimes	23%	N/D	24%	29%	21%	25%
Often or always	66%	N/D	65%	57%	69%	58%
no response/ambiguous response	1%	N/D	1%	2%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
	214		4 400		98 764	
5. What languages do you speak at home?						
Only or mostly English	66%	N/D	63%	63%	77%	76%
Another language (or languages) as often as English	23%	N/D	23%	21%	14%	13%
Mostly or only another language (or other languages)	8%	N/D	13%	14%	8%	10%
no response/ambiguous response	2%	N/D	1%	2%	1%	1%
6. How old are you?						
13 years or younger	0%	N/D	<1%	1%	1%	1%
14 years	57%	N/D	64%	63%	66%	64%
15 years	41%	N/D	34%	34%	31%	32%
16 years or older	<1%	N/D	1%	1%	1%	1%
no response/ambiguous response	1%	N/D	1%	2%	1%	1%
7. How often have you been absent from your Grade 9 mathematics class this year?						
Never	6%	N/D	17%	22%	12%	17%
One to four times	61%	N/D	57%	55%	60%	58%
Five to nine times	23%	N/D	17%	15%	19%	17%
10 or more times	8%	N/D	7%	6%	7%	7%
no response/ambiguous response	1%	N/D	2%	2%	1%	2%
8. How often have you been late for your Grade 9 mathematics class this year?						
Never	58%	N/D	50%	48%	47%	45%
One to four times	32%	N/D	36%	36%	39%	38%
Five to nine times	6%	N/D	8%	9%	8%	9%
10 or more times	3%	N/D	5%	7%	5%	6%
no response/ambiguous response	1%	N/D	2%	2%	1%	2%

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N/D "No data available" is used to indicate that there were no students for the group specified.

Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 214 % ²	Male N/D % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
9. How many elementary schools (kindergarten to Grade 8) did you attend?						
One school	41%	N/D	40%	42%	28%	28%
Two schools	35%	N/D	32%	31%	35%	35%
Three schools	14%	N/D	15%	14%	19%	19%
Four schools	4%	N/D	7%	6%	9%	8%
Five schools or more	5%	N/D	5%	5%	7%	7%
no response/ambiguous response	1%	N/D	2%	2%	1%	2%

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