

School: Prairie Ridge High School

Reporting Period: 1/26/2009 - 3/12/2009  
(3rd Quarter)

**Report Options**

Reporting Parameter Group: All Demographics [Default]  
Group By: Class

**Class: Algebra 1**

Teacher: Delgado, Doug

Points out who is struggling with new concepts. Goal is 75%.

Engaged Time goal is 40 minutes per day. This indicates that students are on pace and are mastering an average of four objectives per week.

Student	Diagnostic Codes	Average Percent Correct						Engaged Time <sup>a</sup>	Objectives Mastered				
		Practice	Exercise	Regular Test	Diagnostic Test	Total Tests	Review		Average Number Per Week	Regular Test	Diagnostic Test	Total Tests	Average Objective Level
Barlow, Dawn		81	80	85	82	84	83	33	3.3	17	5	22	9.4
Cooper, Kevin		87	90	88	90	89	90	38	3.8	21	4	25	9.6
Derrick, Isabel	I, P, T, R	73◀	69	76◀	75	76	78◀	30	3.0	10	10	20	8.7
Galvez, Mario		84	85	86	88	87	86	36	3.6	19	5	24	9.5
Gavens, Julia		78	81	85	85	85	83	32	3.2	17	4	21	9.3
Lee, Chin	T	81	78	84◀	86	85	85	32	3.2	15	6	21	9.3
MacDonald, Katie		92	95	94	95	95	95	45	4.5	26	4	30	9.8
Schaefer, Russell	I, P, T	74◀	77	79◀	82	81	80	30	3.0	14	6	20	9.3
Vazquez, Abigail		86	84	85	85	85	83	36	3.6	17	7	24	9.5
Wagner, Jason		90	95	92	95	94	94	42	4.2	23	5	28	9.7
Average		83	83	85	86	86	86	35	3.5	18	6	24	9.4

**Diagnostic Code Summary**

Number of Students	% of Students	Diagnostic Code	Description
2	20	I	Teacher intervention needed (see Student Report)
2	20	P	Practice percentage lower than 75%
3	30	T	Regular Test percentage lower than 85%
1	10	R	Review percentage lower than 80%
0	0	M	Less than 1/2 of the median objectives mastered (1/2 the median = 12)

Students At Risk: 3 of 10 (30%)

Reveals whether students are retaining previously learned concepts. Goal is 80%.

Students At Risk are those with at least one diagnostic code. Goal is to have 10% or fewer students At Risk.

**Class Summary**

Objectives Mastered	Total
Regular Tests	179
Diagnostic Tests	56
All Tests	235
<b>Students</b>	
Total	10
Number who did not take any Regular Tests	0

◀ Trouble value

<sup>a</sup> Engaged Time per Day: An estimate based on number of objectives mastered and an anticipated 40 minutes per day of math practice.

School: Prairie Ridge High School

**Report Options**

Reporting Parameter Group: All Demographics [Default]

Mastery Criteria: 80%

Objectives Included: All

Mastery criteria can be adjusted.

**Class: Algebra 1**

Teacher: Delgado, Doug  
Students: 10

Provides mastery information for standards set by a state, the NCTM, or other agency.


**Objective Standards**

Agency	Standard
NCTM	NCTM, Math, 2000, Grades 9-12, NCTM Principles and Standards for School Mathematics, produced by the NCTM.

See the percentage of your class that have mastered each objective aligned to the standard.






**Tag: NCTM AL1.b**

Description: Understand relations and functions and select, convert flexibly among, and use various representations for them.

Objective	Library Objective Code	Students Tested	Last Test Average % Correct	Percent of Class Mastered
86. Determine the graph of a given quadratic function	A1AM-086	10	90 <sup>a</sup>	100 

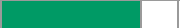

**Tag: NCTM AL.2b**

Description: Use symbolic algebra to represent and explain mathematical relationships.

Objective	Library Objective Code	Students Tested	Last Test Average % Correct	Percent of Class Mastered
90. Determine the solution(s) of an equation given in factored form	A1AM-090	10	90 <sup>a</sup>	100 
91. Solve a quadratic equation by factoring	A1AM-091	9	84 <sup>a</sup>	80 
92. Solve a quadratic equation using the quadratic formula	A1AM-092	8	90 <sup>a</sup>	80 
109. Solve a radical equation that leads to a linear equation	A1AM-109	8	88 <sup>a</sup>	80 
110. Solve a radical equation that leads to a quadratic equation	A1AM-110	8	93 <sup>a</sup>	80 

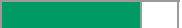

**Tag: NCTM PS.2**

Description: Solve problems that arise in mathematics and in other contexts.

Objective	Library Objective Code	Students Tested	Last Test Average % Correct	Percent of Class Mastered
94. WP: Use a given quadratic equation to solve a problem	A1AM-094	8	90 <sup>a</sup>	80 
112. WP: Solve a problem involving a radical function	A1AM-112	8	90 <sup>a</sup>	80 

**Tag: NCTM NO.3a**

Description: Develop fluency in operations with real numbers, vectors, and matrices, using mental computation or paper-and-pencil calculations for simple cases and technology for more-complicated cases.

Objective	Library Objective Code	Students Tested	Last Test Average % Correct	Percent of Class Mastered
99. Multiply monomial numerical expressions involving radicals	A1AM-099	8	93 <sup>a</sup>	80 
100. Divide monomial numerical expressions involving radicals	A1AM-100	8	93 <sup>a</sup>	80 

<sup>a</sup> Includes Diagnostic Test results

Acts as a lesson plan for the day, detailing the current progress of each student.

School: Prairie Ridge High School

## Class: Algebra 1

Teacher: Delgado, Doug

Action Needed column alerts teacher to students who need attention.

### Assignment Status

Student	Action Needed	Objectives Ready to Test	Last Assignment Completed		Outstanding Assignments		
			Type	Date	Practice	Exercise	Test
Barlow, Dawn	Assign Objs	0	Practice	03/23/09			03/24/09 <sup>a</sup>
Cooper, Kevin		2	Practice	03/23/09	03/23/09		
Derrick, Isabel	Intervene (2)	1	Practice	03/24/09		03/24/09	
Galvez, Mario		3	Practice	03/23/09	03/23/09		
Gavens, Julia		2	Practice	03/24/09	03/24/09		
Lee, Chin		0	Regular Test	03/23/09	03/24/09		
MacDonald, Katie	Print Test	5	Practice	03/24/09	03/23/09		
Schaefer, Russell	Intervene (2)	1	Practice	03/24/09	03/24/09	03/24/09	
Vazquez, Abigail		2	Practice	03/24/09	03/24/09		
Wagner, Jason		0	Regular Test	03/23/09	03/24/09		

### Intervention Needed

Provide targeted instruction to help students having problems with specific objectives.

AM provides the data to differentiate practice to strengthen your core curriculum.

Student	Assignment Type	Objectives	Library Objective Code	Overall Results
Derrick, Isabel	Practice	88. Solve a quadratic equation by graphing the associated quadratic function	A1AM-088	12 / 18 (67%)
Schaefer, Russell	Practice	89. Solve a quadratic equation by taking the square root	A1AM -089	13 / 18 (72%)
	Practice	97. Solve a problem involving exponential growth or exponential decay	A1AM -097	11 / 18 (61%)
	Practice	98. Simplify a monomial numerical expression involving the square root of a whole number	A1AM -098	12 / 18 (67%)

### Objectives Causing Difficulties

Objectives	Assignment Type	Student	Library Objective Code	Overall Results
107. Multiply monomial algebraic radical expressions	Practice	Barlow, Dawn	A1AM -107	7 / 12 (58%)
	Practice	Galvez, Mario	A1AM -107	5 / 10 (50%)
	Practice	Lee, Chin	A1AM -107	5 / 12 (42%)

<sup>a</sup> Diagnostic Test

School: Prairie Ridge High School

## Class: Algebra 1

Teacher: Delgado, Doug

Use this information to determine how to group students to work on concepts.

### Objectives Causing Difficulties

Objectives	Assignment Type	Student	Library Objective Code	Overall Results
110. Solve a radical equation that leads to a quadratic equation	Practice	Barlow, Dawn	A1AM -110	8 / 12 (67%)
	Practice	Cooper, Kevin	A1AM -110	7 / 12 (58%)
	Practice	Gavens, Julia	A1AM -110	6 / 10 (60%)

### Outstanding Assignments

Student	School Days Since Last Work Printed	Practice			Exercise			Test		
		Form	Problems	Date Printed	Form	Problems	Date Printed	Form	Problems	Date Printed
Barlow, Dawn	1							3553 <sup>a</sup>	1-20	03/24/09
Cooper, Kevin	2	3518	19-36	03/23/09						
Derrick, Isabel	1				3540	25-30	03/24/09			
Galvez, Mario	2	3528	1-20	03/23/09						
Gavens, Julia	1	3596	37-54	03/24/09						
Lee, Chin	1	3628	1-18	03/24/09						
MacDonald, Katie	2	3580	1-18	03/23/09						
Schaefer, Russell	1	3588	13-24	03/24/09	3574	1-12	03/24/09			
Vazquez, Abigail	1	3563	21-48	03/24/09						
Wagner, Jason	1	3547	1-18	03/24/09						

### Class Summary

Action Summary	Total
Students Need Assignments Printed	0
Students Need Objs Assigned	1
Students Need Tests Printed	1
Students Need Intervention	2
Objectives with three or more students experiencing difficulty	2

Outstanding Assignments	Total
Practices	8
Exercises	2
Regular Tests	0
Diagnostic Tests	1

<sup>a</sup> Diagnostic Test

School: Prairie Ridge High School

Reporting Period: 1/26/2009 - 3/20/2009  
(3rd Quarter)

## Vazquez, Abigail

ID: AVAZQU  
Grade: 9

Class: Algebra 1  
Teacher: Delgado, Doug

### Active Objectives

Objectives	Ready to Test	Test Completed	Average Percent Correct		
			Practice	Regular Test	Diagnostic Test
95. Determine the graph of an exponential function	03/19/09		83	10 / 12	
96. WP: Evaluate an exponential growth or an exponential decay function	03/19/09		92	11 / 12	
97. Solve a problem involving exponential growth or exponential decay	03/19/09		92	11 / 12	
Summary: 3 Objectives			89%		

The student will test on these objectives next.

### Intervene Objectives

Objectives	Intervene Date	Intervene Type	Average Percent Correct			
			Last Practice	Total Practice	Regular Test	Review
91. Solve a quadratic equation by factoring	03/13/09	Practice	50	3 / 6	56	10 / 18
Summary: 1 Objective			56%			

This is a list of objectives the student has mastered in the reporting period. Review Status for each objective is also included.

### Mastered Objectives

Objectives	Ready to Test	Date Mastered	Average Percent Correct							
			Practice	Regular Test	Diagnostic Test	Review				
42. Determine the graph of a 2-variable linear inequality	01/27/09	01/28/09 <sup>b</sup>	92	11 / 12	100	5 / 5	75	3 / 4		
43. Solve a 1-variable absolute value inequality	02/02/09	02/04/09 <sup>b</sup>	100	6 / 6	100	5 / 5		75	3 / 4	
44. Determine the graph of a 1-variable absolute value inequality	02/03/09	02/04/09 <sup>b</sup>	92	11 / 12	100	5 / 5		100	4 / 4	
45. Solve a system of linear equations in two variables by graphing	02/06/09	02/10/09 <sup>b</sup>	83	5 / 6	80	8 / 10		75	3 / 4	
46. Solve a system of linear equations in two variables by substitution	02/10/09	02/10/09 <sup>b</sup>	92	11 / 12	100	5 / 5		100	4 / 4	
47. Solve a system of linear equations in two variables by elimination	02/12/09	02/18/09 <sup>b</sup>	78	14 / 18 <sup>a</sup>	50	5 / 10	80	4 / 5	75	3 / 4
48. Determine the number of solutions to a system of linear equations	02/17/09	02/18/09 <sup>b</sup>	83	15 / 18 <sup>a</sup>	60	6 / 10	100	5 / 5	75	3 / 4
49. Solve a system of linear equations in two variables using any method	02/19/09	02/24/09 <sup>b</sup>	83	5 / 6	100	5 / 5		100	4 / 4	
50. WP: Determine a system of linear equations that represents a given situation	02/24/09	02/24/09 <sup>b</sup>	83	15 / 18 <sup>a</sup>	60	6 / 10	80	4 / 5	75	3 / 4
51. WP: Solve a mixture problem that can be represented by a system of linear equations	02/26/09	03/02/09 <sup>b</sup>	83	10 / 12	80	4 / 5		75	3 / 4	
52. WP: Solve a motion problem that can be represented by a system of linear equations	03/03/09	03/04/09 <sup>b</sup>	92	11 / 12	100	5 / 5		100	4 / 4	

This is page 1 of a multiple page report. The remaining Mastered Objectives are listed on subsequent pages.

<sup>a</sup>Includes Exercise results  
<sup>b</sup>Review has been completed.

The AM TOPS Report prints after each assignment is scored, giving immediate feedback to students.

School: Prairie Ridge High School  
Class: Algebra 1

Teacher: Mr. D. Delgado  
Grade: 9

**Number Correct: 18 / 20 (90%)**

**Incorrect Responses (2)**

Problems Mario had difficulty with. Mario will make corrections and share with his teacher before he moves on to prevent him from repeating mistakes.

Objective	Results	Grade	Correct Answer
108. Divide monomial algebraic radical expressions	4	C	A
109. Solve a radical equation that leads to a linear equation	13	A	D

**Objectives on this Practice (5)**

Objective	Results	Overall
108. Divide monomial algebraic radical expressions	5 / 6 83%	9 / 12 75%
109. Solve a radical equation that leads to a linear equation	5 / 6 83%	9 / 12 75%
110. Solve a radical equation that leads to a quadratic equation	6 / 6 100%	6 / 6 100%
47. <sup>c</sup> Solve a system of linear equations in two variables by elimination	1 / 1 100%	4 / 4 100%
48. <sup>c</sup> Determine the number of solutions to a system of linear equations	1 / 1 100%	3 / 3 100%

**Overall Progress**

	Average Percent Correct		Objective Summary
	Marking Period (77% Complete)	School Year (69% Complete)	
Practice %:	84	86	Ready to Test: 6 Goal for Marking Period: 38 Total Mastered this Marking Period: 24 (63% of Goal) Total Mastered this Year: 87
Test %:	87	87	
Review %:	86	88	

Teacher

Comments:

The goal for the Average % Correct on Review of learned concepts is 80% correct. Mario's score suggests he is doing well retaining concepts.

Parent

The goal for the Average % Correct on Practice is 75% correct. Mario is meeting this goal; he is successfully working with new concepts.

<sup>c</sup> Review Objectives