

Reading the Teacher Reports

Diagnostic Algebra Assessment
Jessica Great's Class Organizer
 Thursday, November 9, 2006 [LOG OUT](#)

Test Reports

Math Period 1 Test Results

- Concept of a Variable Test
- Algebra Graphing Misconception Items
- Algebra Equality Misconception Items

Math Period 3 Test Results

No students have taken any tests yet in this class.

Class Rosters and Student Progress

Select a class to view student list ...

Make Changes

Update Your Classes:
 In the table below, click the **Modify Info?** link to change the class name or to you would like the class to have available. Click the **Change?** link to change w misconception (topic) you want the class to currently take.

Name		Assigned Topic	
Math Period 1	Modify Info?	Graphing	Change?
Math Period 3	Modify Info?	Equality	Change?

[Add a Class](#)

[Make a change to My Profile](#)

If you are not Jessica Greats, [click here](#).

Stipend Status

Concept of a Variable: 4 students have completed the test for Concept of a Variable.
You are eligible for a stipend for Concept of a Variable.
 Please use the [Stipend Request Form](#) to request payment. Thank you!

Reports for 1st class

These pages will present summary data for each of the sets of misconception questions. See page 2 for report details.

To see the name of students registered in each of your classes, first select the name of the class in the list, then press the "Show this class" button. See page 4 for report details.

You can change your class's assigned topic by clicking here. Note: additional topics are added in the Modify Classes Form, available from the [Modify Info?](#) link.

Information regarding stipends can be found in the **Stipend Status** Section



The Misconception Summary Report

Teacher and current class information.

Click here to view results for all students in the class, and view the questions. See page 4 for report details.

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Concept of a Variable Misconception Report

Teacher: Jessica Great
Class: Math Period 1

> View the Item by Item Results for the Concept of a Variable.

On average, your students' responses were:

- 31% correct
- 25% indicate a misconception

These students got less than 65% of the questions correct (**Struggling** w/ items):

- Nancy Winn
- Rachel Kay
- Sample Student

Teacher's Class Organizer

The Concept of a Variable Misconception

Transitioning from arithmetic to algebra can be a challenging learning experience for students. One of the key reasons is the use of letters to represent variables. Even after taking an algebra course, many students do not understand the use of

of a concept of a variable misconception, when students are asked to write an equation for the following statement using the variables S and P: "There are six times as many students as professors at this university," (Cleme interpret the variab professor, instead

This section contains overall class performance for the set of misconception questions. Percent correct indicates the average score (for finished tests) for this class. Percent misconception shows the percentage of responses that indicate a misconception for this class.

The green box contains the study's definition of the misconception.

This section lists students who scored in the **Struggling** category. Students classified as Struggling scored less than 65% of the questions correct but selected the misconception response for less than 30% of the questions.

Detailed Student Performance for Misconception Questions Report

Percent of questions answered correctly.

Percent of questions for which the misconception response was selected.

Percent of questions answered incorrectly due to an error unrelated to the misconception.

Class name

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Math Period 1 Item Summary: Concept of a Variable

Class results

Students	%C	%M	%X	0165	0166	0167	0168	0169	0170	0171	0172
%Correct	31	-	-	50%	50%	25%	0%	0%	75%	0%	0%
All %Misc.	-	25	-	25%	25%	75%	25%	75%	25%	0%	25%
%Other Error	-	-	44	25%	25%	0%	75%	25%	0%	100%	75%
Jose Nieto	42%	33%	25%	C	M	M	M	M	C	X	X
Nancy Winn	33%	25%	42%	C	C	M	X	M	C	X	X
Rachel Kay	25%	17%	58%	X	X	C	X	X	M	X	M
Sample Student	25%	25%	50%	M	C	M	X	M	C	X	X

Click on the question number to see the question.

Student results

Response key

- C = correct
- M = incorrect AND this answer may indicate a misconception
- X = incorrect due to other error
- O = open, did not attempt
- P = pilot item, this item is not counted in the results

Return to the [Algebra Variable Summary](#) or [Teacher's Class Organizer](#)



Class Rosters and Student Progress Report

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7 student(s) have registered in **Math Period 1.**

Name	Password	Student Questionnaire	Orientation	Concept of Variable	Equality	Graphing
Dash, Sheralyn	dolphin	Yes	Yes	No	No	Yes
Kay, Rachel	dog	Yes	Yes	Yes	No	No
nader, thomas	Saber Tooth Tiger	Yes	Yes	No	No	Yes
Nieto, Jose	rabbit	Yes	Yes	Yes	Yes	Yes
Stewart, Mary	sparrow	Yes	Yes	No	Yes	Yes
Student, Sample	sample	Yes	Yes	Yes	No	No
Winn, Nancy	crows	Yes	Yes	Yes	No	No

Registered students

Students' Password

Indicates whether the Background Questionnaire has been completed.

Indicates which of the Diagnostic Tests has been completed.

Note: this table lists all the possible misconceptions, though this class may not be taking them.