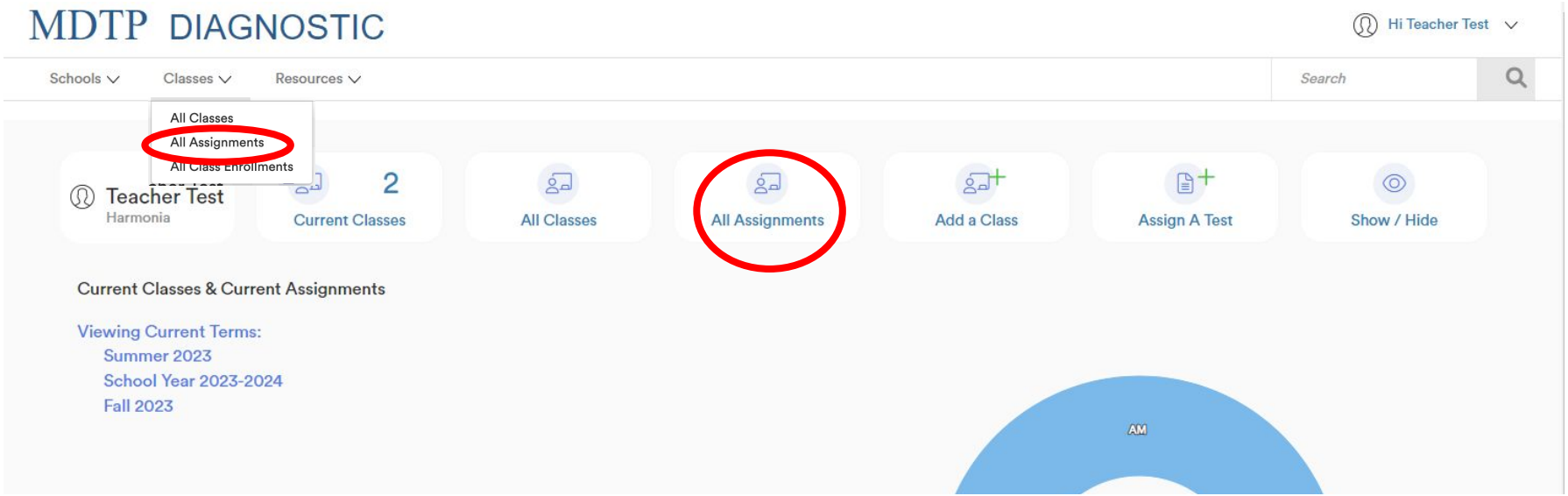
Viewing a Comparison Report Between Tests

Note: Instructions given in this document assumes at least one class has taken an the same exam twice.

Viewing a comparison report:

1) Click on either **'Classes'** in the top menu, and then **'All Assignments'** **<u>or</u>** the **'All Assignments'** option on the dashboard next to your name to view all classes



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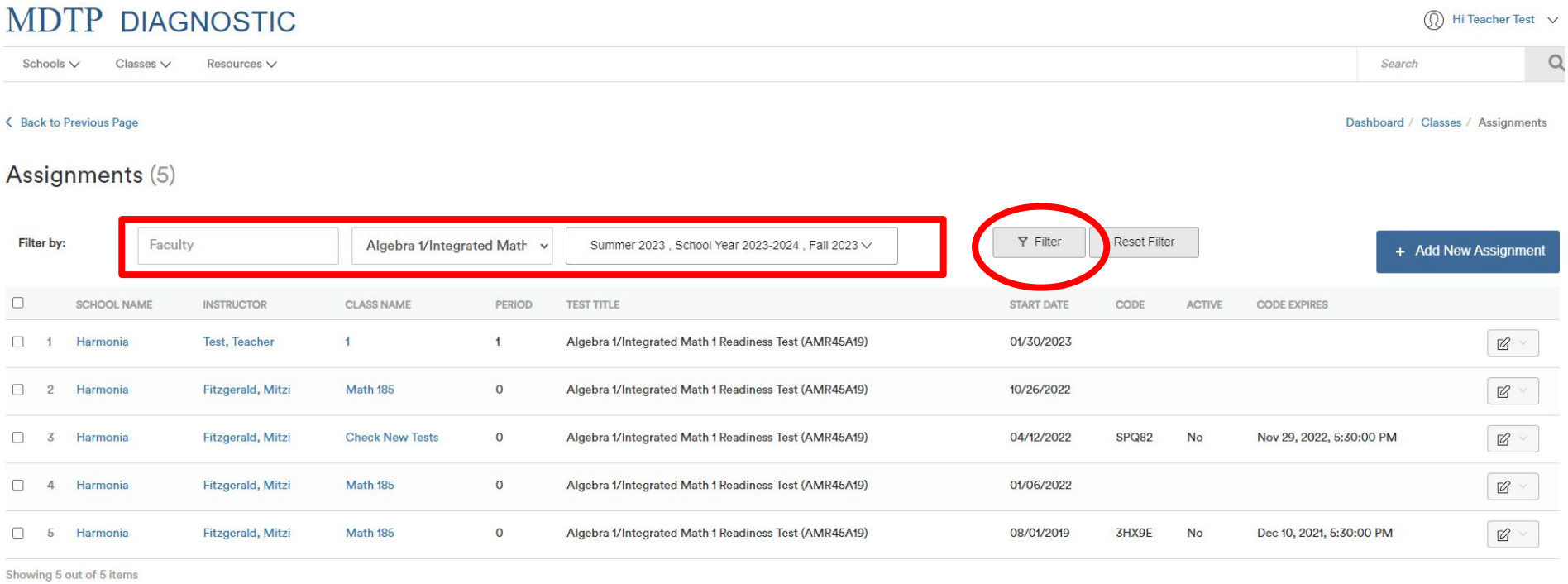
2) Using the dropdown arrows, select the filtering options to sort the assignments. Filtering options will vary based on user role and access level. When selections are complete, click the rectangle "**Filter**".



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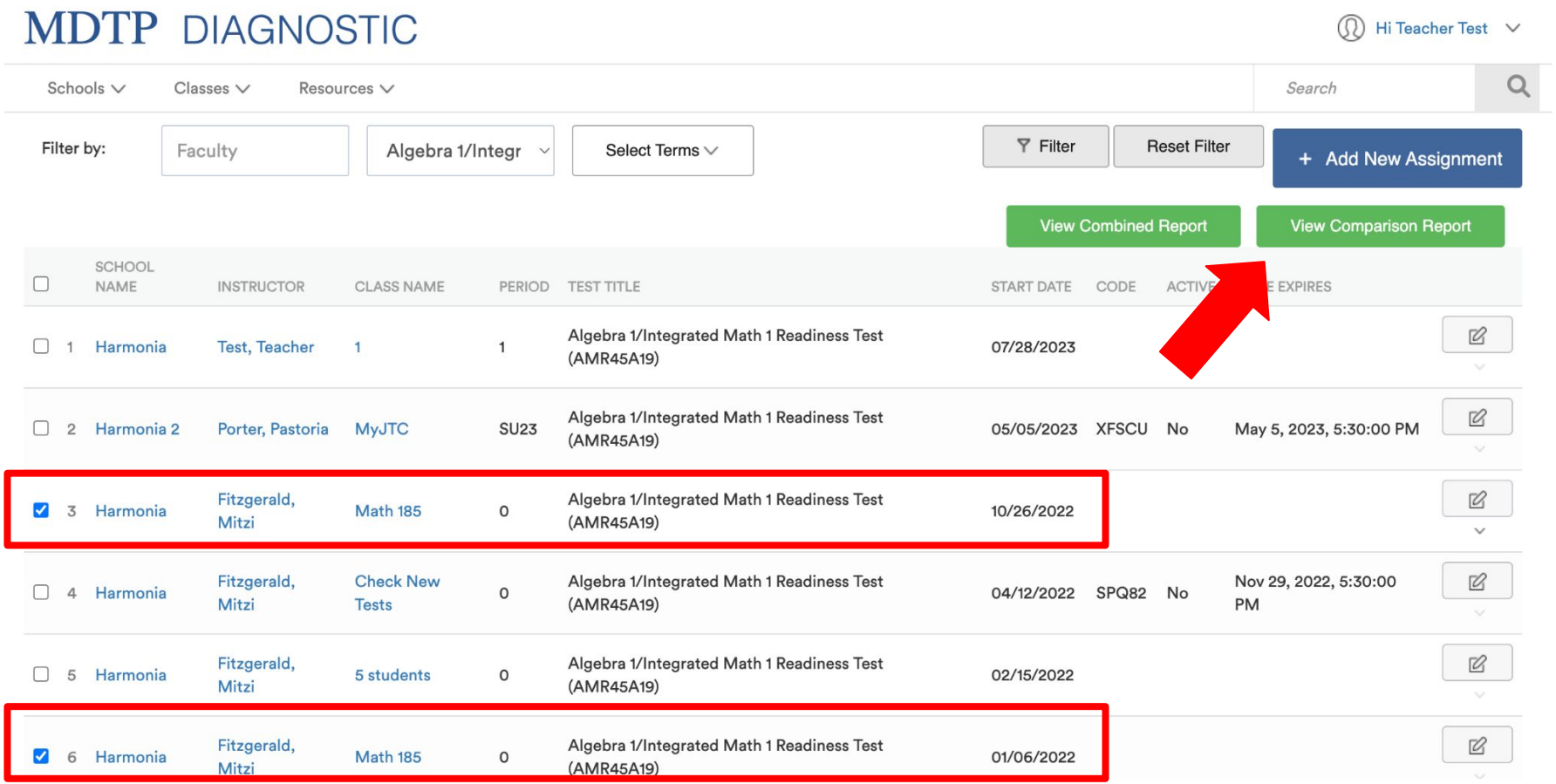
3) Select two tests with the same test title, period, class name, instructor, and school name. The "**View Comparison Report**" button will NOT appear unless all of these conditions are satisfied.



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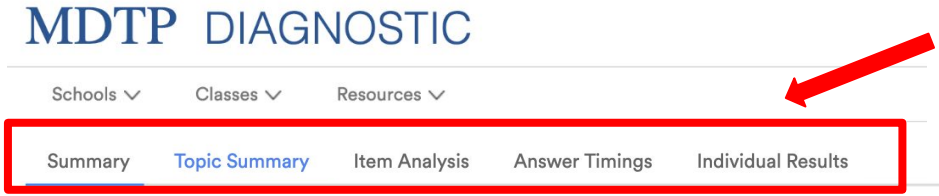
1) Summary

In the top section of the **Summary,** you will be able to view the class average percent scores and download a PDF which includes class and individual results, topic and item reports, and individual student letters.



The MDTP report provides five hyperlinks at the top of the page, which you can click to access online testing data. You will be able to drill into the data and export PDFs and Excel spreadsheets as you navigate through these hyperlinks.

Algebra 1/Integrated Math 1 Readiness Test (AMR45A19) Student Results

Report PDF

Class Name:	Math 185 (0)	Class Name:	Math 185 (0)
Instructor:	Fitzgerald, Mitzi	Instructor:	Fitzgerald, Mitzi
School:	Harmonia	School:	Harmonia
Date:	01/06/2022	Date:	10/26/2022
Number of students:	18	Number of students:	18
Number of items:	45	Number of items:	45
Average Score:	16.28 (36.17%)	Average Score:	21.22 (47.16%)

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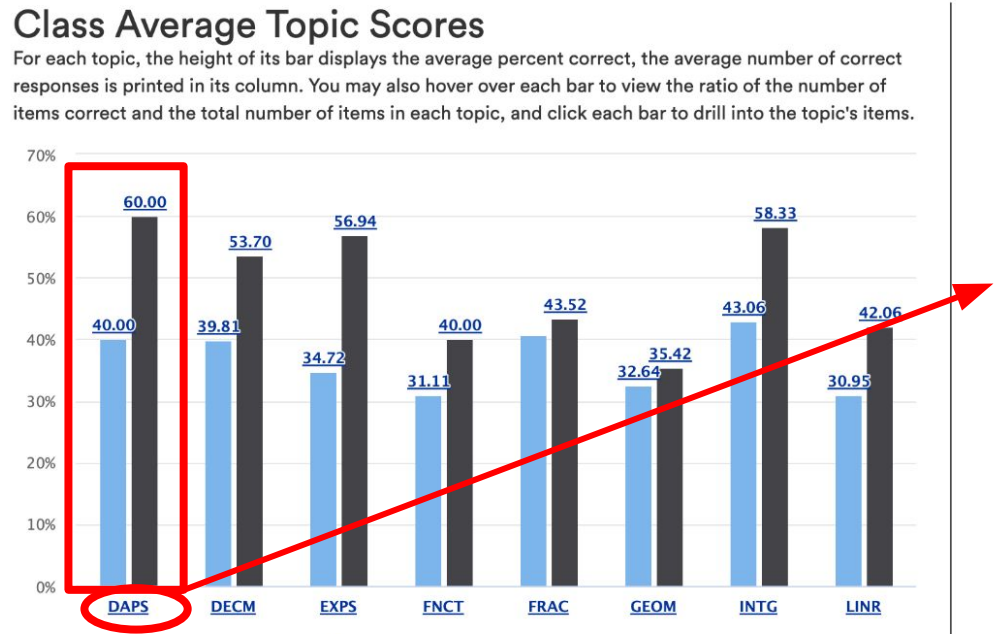
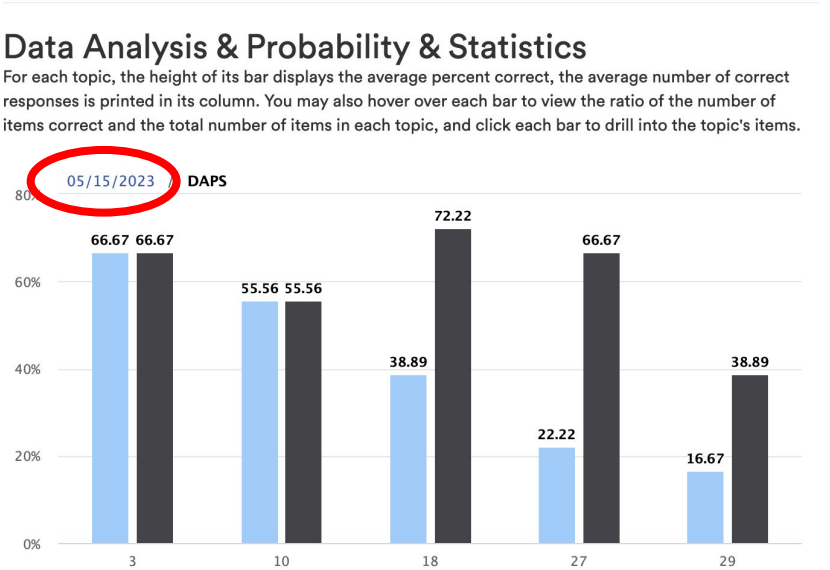
The **Summary** page provides average scores by topic in graphic form. The height of the bar displays the average percent correct for each topic.

Click on the bar graph to reveal the average scores by each item in a specific topic. Clicking on the date button will lead back to the original **Class Average Topic Scores** graph.





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The **Students at or above Critical Level** table shows the number of items per topic, the topic critical levels, raw scores, and the percentage of students who met each topic critical level. Each column can be sorted by clicking the column headers.

Clicking on the topics will prompt a bar graph to appear on the left demonstrating the items in that topic and their class average scores. Performance data for each topic as an Excel export file is available by clicking the **Export as Excel** button.

Students at or above Critical Level

Export...

TOPIC	ITEM COUNT	CRITICAL LEVEL	NO.OF STUDENTS	PERCENTAGE DIFFERENCE
DAPS: Data Analysis & Probability & Statistics	5	3	7 / 11	+22%
DECM: Decimals, including Applications; Percents; Absolute Value	6	4	3 / 7	+22%
EXPS: Exponents & Square Roots; Scientific Notation	4	3	2 / 10	+45%
FRAC: Fractions, including Applications	6	4	3 / 5	+11%
FNCT: Functions & their Representations	5	4	1 / 3	+11%
GEOM: Geometry	8	5	2 / 4	+11%
INTG: Integers	4	3	6 / 7	+6%
LINR: Linear Equations & Inequalities	7	5	3 / 4	+5%

The **No. of Students** column shows how many students met the critical level on each test. The **Percentage Difference** is the difference between the percentage of students that met critical level.

In this example, 18 students took the both tests (as seen on page 4).
For the DAPS topic, 7 students met the critical level on the 01/06/2022 test and 11 students met the critical level on the 10/26/2022 test.
So we get 7/18 = 0.3889 and 11/18 = 0.6111
Therefore 0.6111 - 0.3889 = 0.222 which is ~ 22%.

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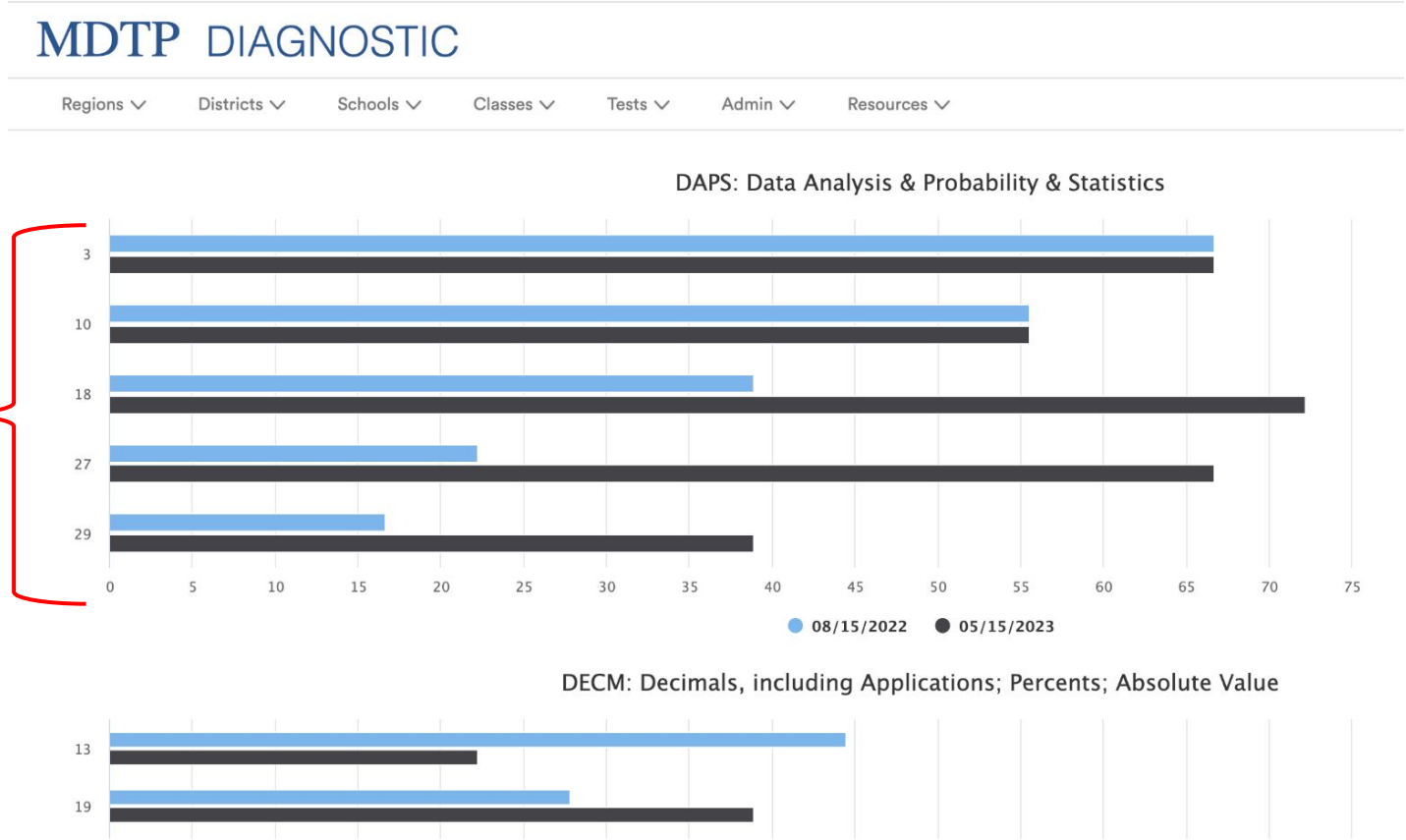
2) Topic Summary

Items are listed for each topic of the exam. The length of a bar represents the percent of students who answered correctly. Hovering over a bar shows both the class percent correct and the number of students who answered correctly for that item.



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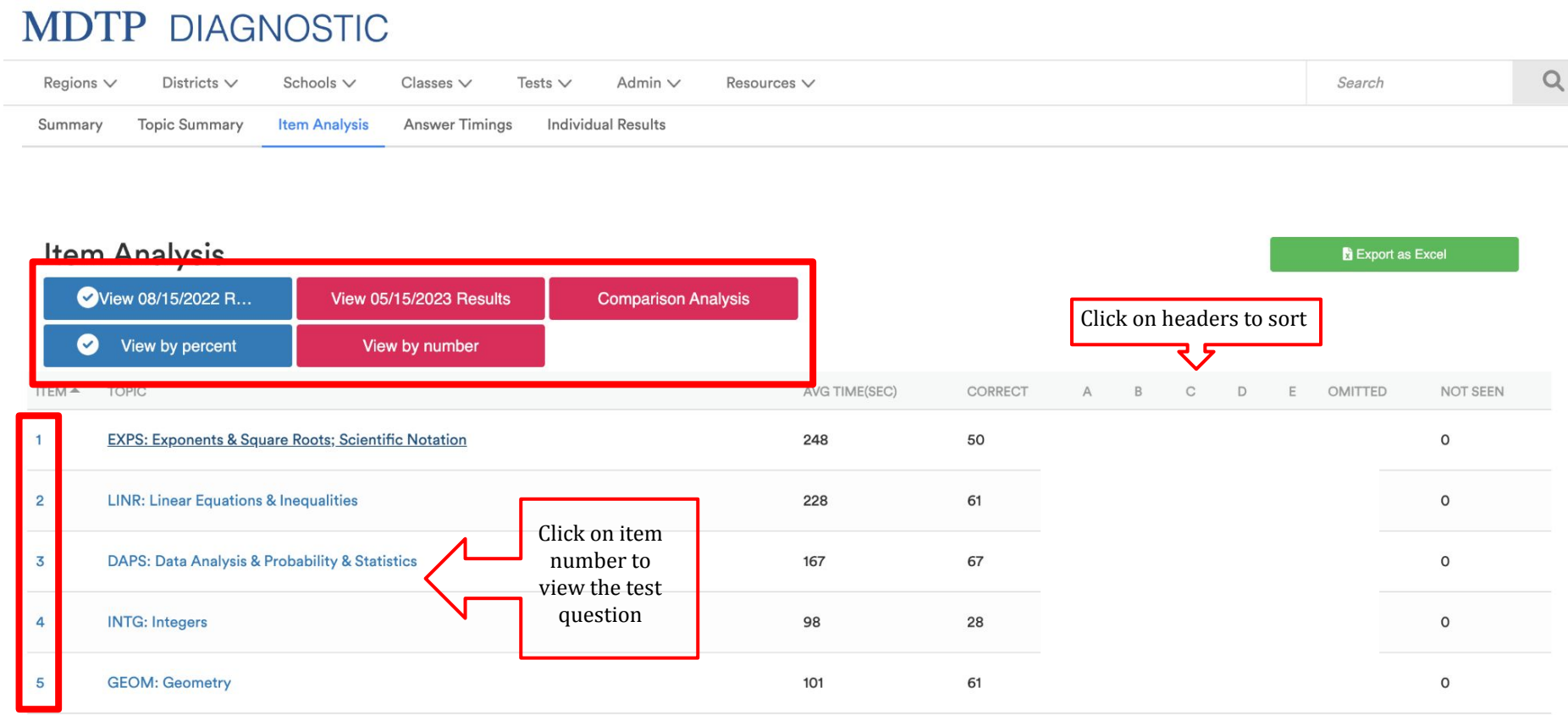
3) Item Analysis

You can view the test data for each test individually or the comparison analysis by percent or by number by clicking on the appropriate boxes. Data can be sorted by clicking the column headers on this page.



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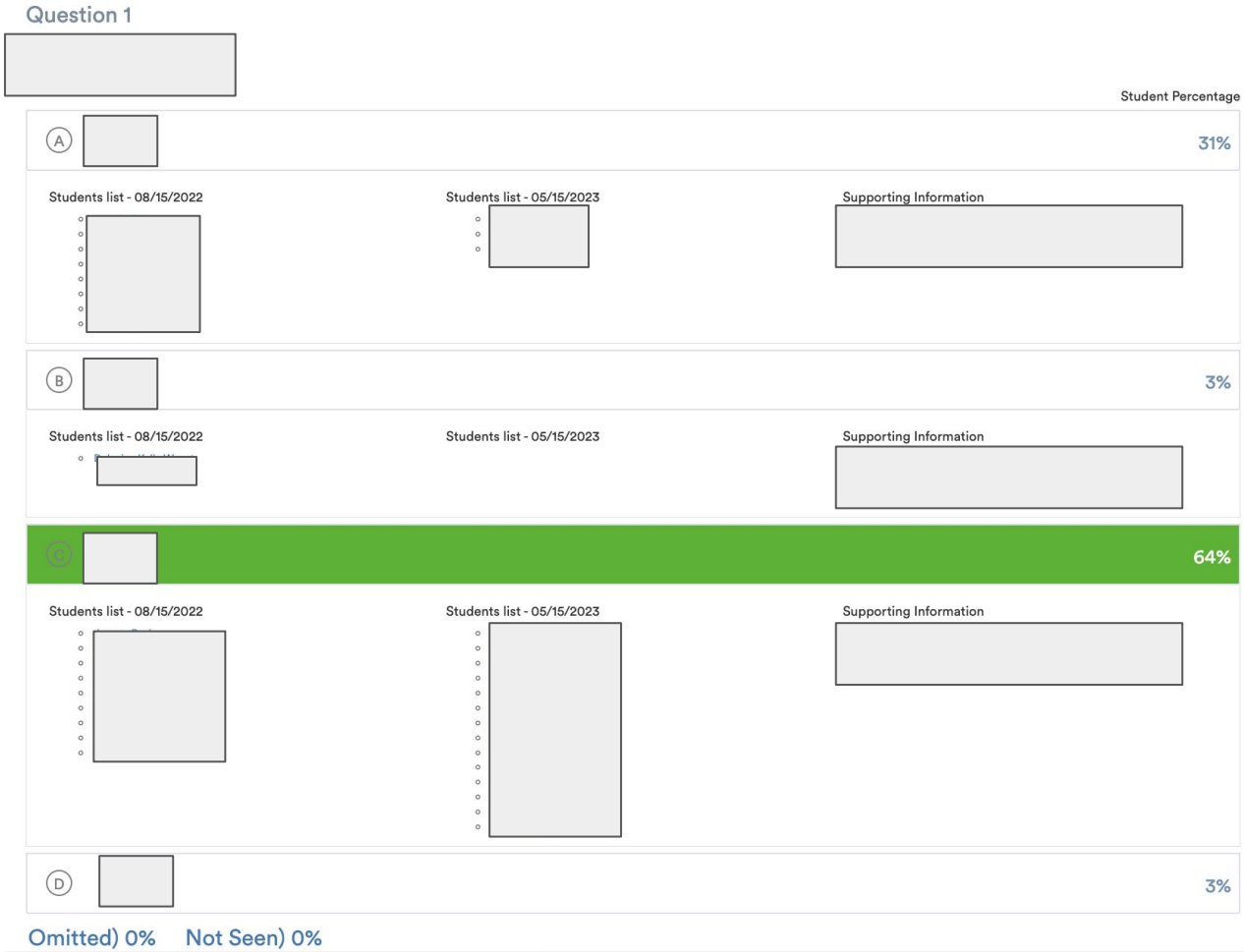

The correct option is highlighted in green.

The percentage of students that picked each option is shown on the right under **Student Percentage**.

A list of students that chose that option will appear if you click on an option.

For incorrect options, **Supporting Information** will provide the misconception students may have used to select that option

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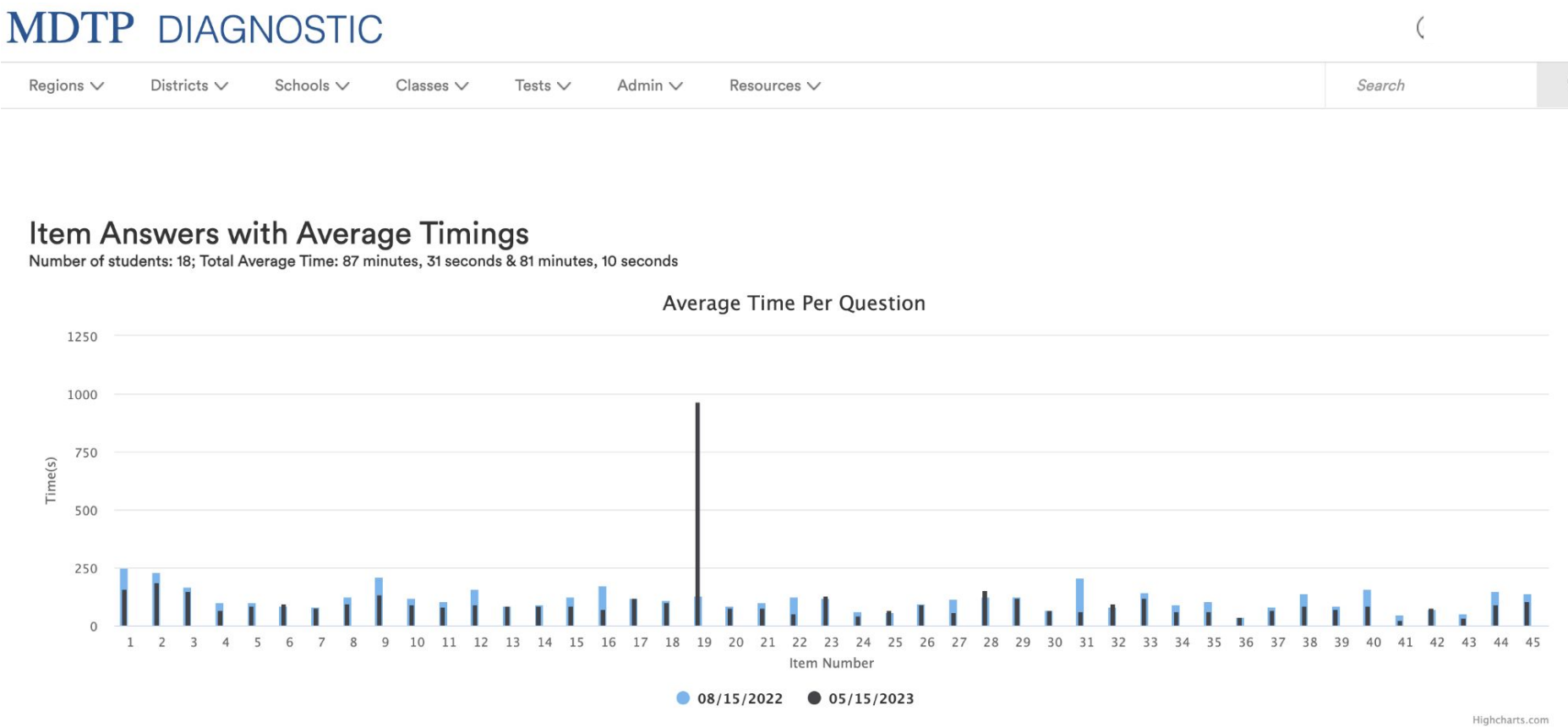
4) Answer Timings

The average time spent per item is provided in graphic form. The height of the bar displays the average time spent on that item.



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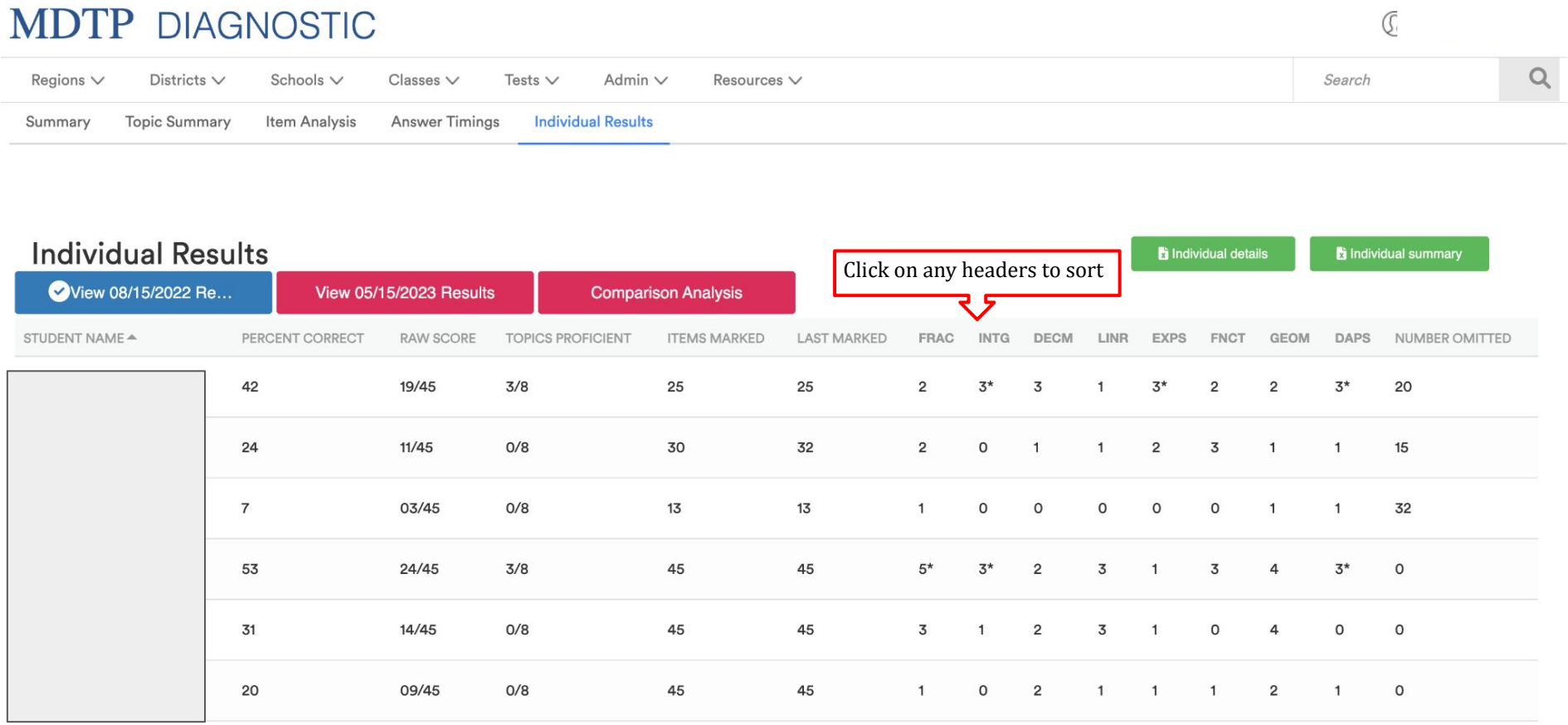
5) Individual Results

Each student's individual results are displayed on this page. Data can be sorted by any clicking the column headers on this page.



STUDENT NAME	PERCENT CORRECT	RAW SCORE	TOPICS PROFICIENT	ITEMS MARKED	LAST MARKED	FRAC	INTG	DECM	LINR	EXPS	FNCT	GEOM	DAPS	NUMBER OMITTED
	42	19/45	3/8	25	25	2	3*	3	1	3*	2	2	3*	20
	24	11/45	0/8	30	32	2	0	1	1	2	3	1	1	15
	7	03/45	0/8	13	13	1	0	0	0	0	0	1	1	32
	53	24/45	3/8	45	45	5*	3*	2	3	1	3	4	3*	0
	31	14/45	0/8	45	45	3	1	2	3	1	0	4	0	0
	20	09/45	0/8	45	45	1	0	2	1	1	1	2	1	0

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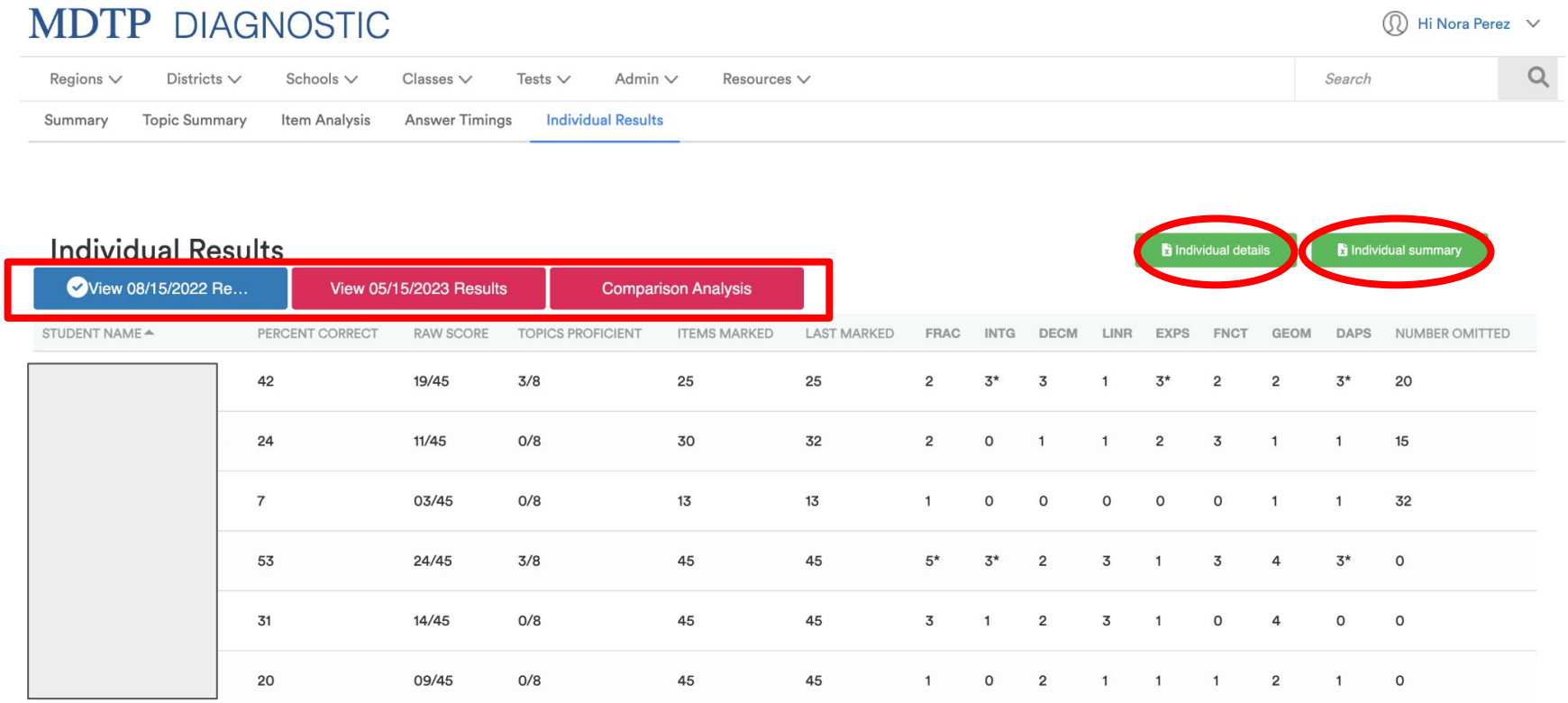
The **Individual details** button will provide a student summary report, topic summary, and student responses to item. The **Individual summary** button will provide only the student summary report and topic summary.

You can view the test data for each test individually or the comparison analysis by percent or by number by clicking on the appropriate boxes.



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