

Viewing a Comparison Report Between Tests

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

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

The screenshot displays the MDTP Diagnostic web application interface. At the top, the header includes the 'MDTP DIAGNOSTIC' logo on the left and a user profile 'Hi Teacher Test' on the right. Below the header is a navigation bar with 'Schools', 'Classes', and 'Resources' dropdown menus, and a search bar. The main dashboard area features a row of cards: 'Teacher Test Harmonia', 'Current Classes' (showing '2'), 'All Classes', 'All Assignments' (highlighted with a red box), 'Add a Class', 'Assign A Test', and 'Show / Hide'. A tooltip is visible over the 'All Assignments' card, listing 'All Classes', 'All Assignments', and 'All Class Enrollments'. Below the dashboard cards, there is a section titled 'Current Classes & Current Assignments' with a link 'Viewing Current Terms:' and a list of terms: 'Summer 2023', 'School Year 2023-2024', and 'Fall 2023'. At the bottom, a large blue semi-circle contains the text 'AM'.

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 “**Filter**”.

Assignments (5)

Filter by: Faculty Algebra 1/Integrated Math Summer 2023 , School Year 2023-2024 , Fall 2023 Filter Reset Filter + Add New Assignment

	SCHOOL NAME	INSTRUCTOR	CLASS NAME	PERIOD	TEST TITLE	START DATE	CODE	ACTIVE	CODE EXPIRES	
<input type="checkbox"/>	1 Harmonia	Test, Teacher	1	1	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	01/30/2023				
<input type="checkbox"/>	2 Harmonia	Fitzgerald, Mitzi	Math 185	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	10/26/2022				
<input type="checkbox"/>	3 Harmonia	Fitzgerald, Mitzi	Check New Tests	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	04/12/2022	SPQ82	No	Nov 29, 2022, 5:30:00 PM	
<input type="checkbox"/>	4 Harmonia	Fitzgerald, Mitzi	Math 185	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	01/06/2022				
<input type="checkbox"/>	5 Harmonia	Fitzgerald, Mitzi	Math 185	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	08/01/2019	3HX9E	No	Dec 10, 2021, 5:30:00 PM	

Showing 5 out of 5 items

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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Hi Teacher Test

▼

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Classes ▼

Resources ▼

Search

🔍

Filter by:

Faculty

Algebra 1/Integr ▼

Select Terms ▼

Filter

Reset Filter

+ Add New Assignment

View Combined Report

View Comparison Report

<input type="checkbox"/>	SCHOOL NAME	INSTRUCTOR	CLASS NAME	PERIOD	TEST TITLE	START DATE	CODE	ACTIVE	EXPIRES	
<input type="checkbox"/>	1 Harmonia	Test, Teacher	1	1	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	07/28/2023				
<input type="checkbox"/>	2 Harmonia 2	Porter, Pastoria	MyJTC	SU23	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	05/05/2023	XFS	No	May 5, 2023, 5:30:00 PM	
<input checked="" type="checkbox"/>	3 Harmonia	Fitzgerald, Mitzi	Math 185	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	10/26/2022				
<input type="checkbox"/>	4 Harmonia	Fitzgerald, Mitzi	Check New Tests	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	04/12/2022	SPQ82	No	Nov 29, 2022, 5:30:00 PM	
<input type="checkbox"/>	5 Harmonia	Fitzgerald, Mitzi	5 students	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	02/15/2022				
<input checked="" type="checkbox"/>	6 Harmonia	Fitzgerald, Mitzi	Math 185	0	Algebra 1/Integrated Math 1 Readiness Test (AMR45A19)	01/06/2022				

1) Summary Page

In the top section of the **Summary** page 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.

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Hi Only Teacher ▾

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Summary

Topic Summary

Item Analysis

Individual Results

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

Report PDF

Class Name:

Math 185 (0)

Instructor:

Teacher, Only

School:

Harmonia

Date:

01/06/2022

Number of students:

3

Number of items:

45

Average Score:

1.33 (2.96%)

Class Name:

Math 185 (0)

Instructor:

Teacher, Only

School:

Harmonia

Date:

08/29/2023

Number of students:

3

Number of items:

45

Average Score:

0.67 (1.48%)

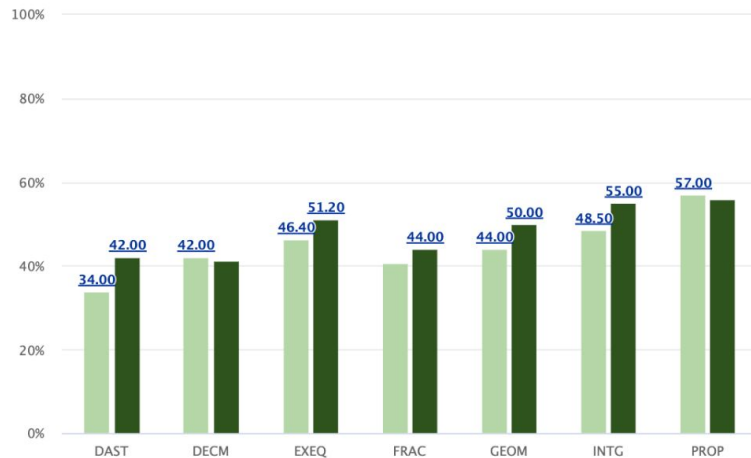
Summary Page: The middle and bottom of this page show cohort performance by topic.

- On the top left is the comparison of the overall topic performance by average percent correct.
- On the top right is the bar graph of the Tier Levels by Topic which includes a drill-down feature to see how students are performing in each topic.

Tier 1 Demonstrated readiness of the content in this topic needed for success in this course.
Tier 2 Approaching readiness of the content in this topic needed for success in this course.
Tier 3 Below readiness of the content in this topic needed for success in this course.

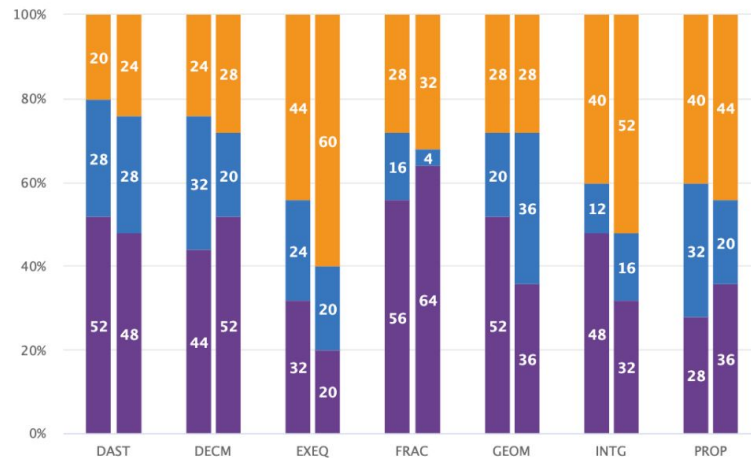
Average Percentage Correct by Topic

The height of each bar represents the average percentage correct by topic. Hover over each bar to see the average number of correct questions divided by the total questions in that topic. Click on each bar to see the questions in that topic. For each topic, the left bar represents student data from 09/11/2018 and the right bar represents student data from 02/05/2019.



Tier-Levels by Topic

Each colored section represents the total percentage of students in each tier by topic. Click on the highlighted sections in each bar to see the questions in that topic for students in that tier. For each topic, the left bar represents student data from 09/11/2018 and the right bar represents student data from 02/05/2019.



Summary Page:

- Scroll to the bottom of the **Summary** page to find the table of the Tier Levels by Topic. Each topics drills down to the items in that topic. Each column is sortable by increasing and decreasing performance values.

Tier-Levels by Topic

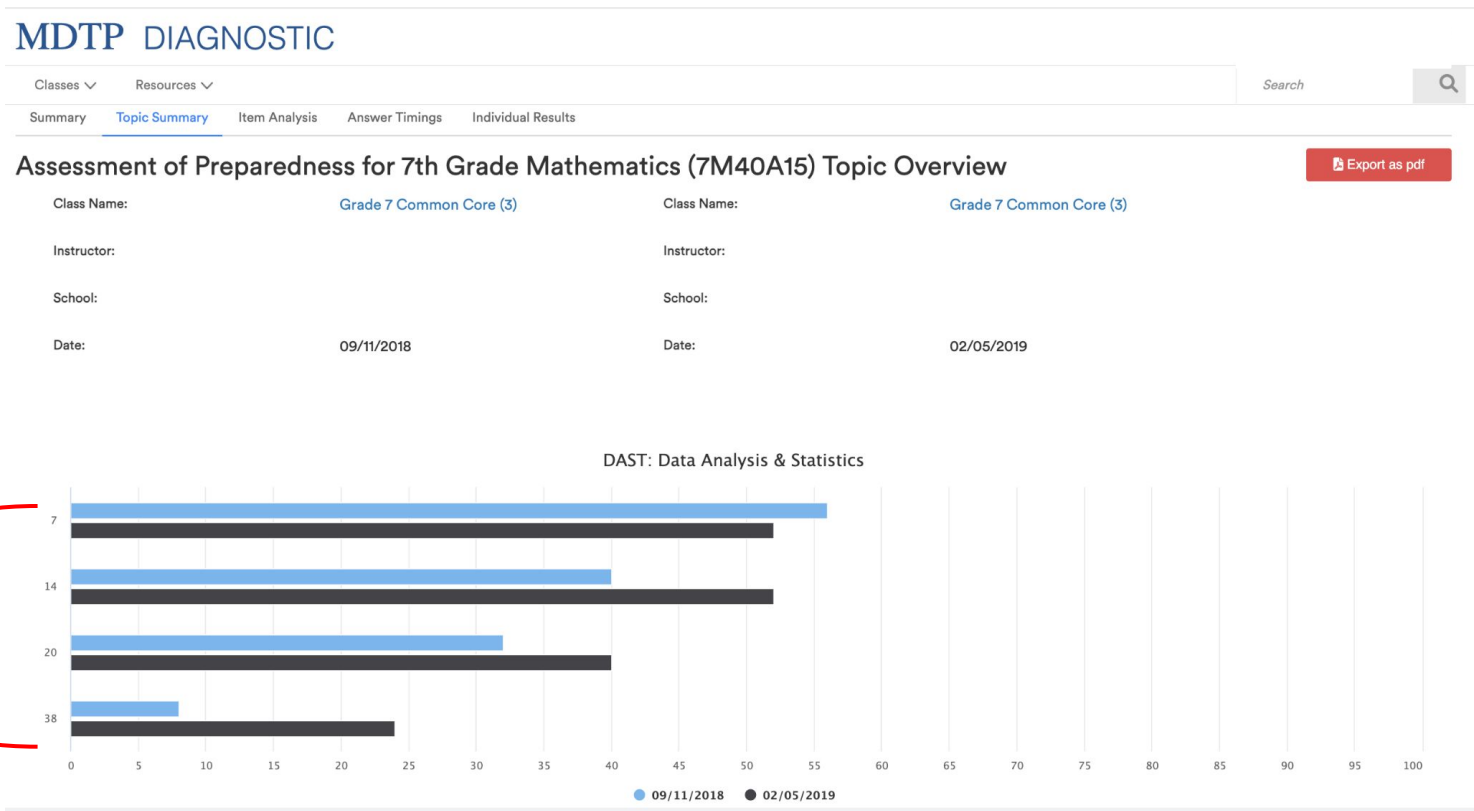
The table below shows the number of questions by topic, the range of correct responses defining each tier by topic, and the percentage of students in each tier by topic.

[Export as Excel](#)

TOPIC ^	ITEM COUNT	TIER 1		TIER 2		TIER 3	
		SCORE RANGE	PERCENTAGE DIFFERENCE	SCORE	PERCENTAGE DIFFERENCE	SCORE RANGE	PERCENTAGE DIFFERENCE
DAST: Data Analysis & Statistics	4	3 - 4	+4%	2	0%	0 - 1	-4%
DECM: Decimals & Percents; Absolute Value	6	4 - 6	+4%	3	-12%	0 - 2	+8%
EXEQ: Equations, Expressions & Inequalities	5	3 - 5	+16%	2	-4%	0 - 1	-12%
FRAC: Fractions, including Applications	7	5 - 7	+4%	4	-12%	0 - 3	+8%
GEOM: Geometric Measurement & Coordinate Geometry	6	4 - 6	0%	3	+16%	0 - 2	-16%
INTG: Integers	8	5 - 8	+12%	4	+4%	0 - 3	-16%
PROP: Proportions	4	3 - 4	+4%	2	-12%	0 - 1	+8%

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.



3) Item Analysis

Here you have multiple ways to view the test data: individually, and by comparison analysis (percent or numbers), . Data can be sorted by clicking the column headers on this page.

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SummaryTopic SummaryItem AnalysisAnswer TimingsIndividual Results

Assessment of Preparedness for 7th Grade Mathematics (7M40A15) Item Analysis

Export as pdf

Class Name:Grade 7 Common Core (3)

Instructor:

School:

Date:09/11/2018

Class Name:Grade 7 Common Core (3)

Instructor:

School:

Date:02/05/2019

Item Analysis

View 09/11/2018 Results

View 02/05/2019 Results

Comparison Analysis

View by percent

View by number

Export as Excel

ITEM

TOPIC

AVG TIME(SEC)

CORRECT

A

B

C

D

E

OMITTED

NOT SEEN

1

EXEQ: Equations, Expressions & Inequalities

73

72

4

0

2

INTG: Integers

141

72

4

0

3

INTG: Integers

96

28

0

0

4

FRAC: Fractions, including Applications

114

48

4

0

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Question 30

When 7 is subtracted from 3 times a number n , the result equals 5. Which of the following equations represents this statement?

Student Percentage		
A $3n - 7 = 5$	25%	
Students list - 02/23/2017	Students list - 08/29/2017	Supporting Information
<ul style="list-style-type: none"> 12210576 11181772 11143186 11181947 9752005 	<ul style="list-style-type: none"> 12210576 11171060 10120209 11181772 	Key
B $7 - 3n = 5$	28%	
Students list - 02/23/2017	Students list - 08/29/2017	Supporting Information
<ul style="list-style-type: none"> 11181810 11181822 11181834 	<ul style="list-style-type: none"> 11181822 11181810 11210381 11181947 11181777 10181675 11181754 	Conceptual Error: 5 is the difference of 7 and $3n$. $7 - 3n = 5$
C $3 + n - 7 = 5$	14%	
Students list - 02/23/2017	Students list - 08/29/2017	Supporting Information
<ul style="list-style-type: none"> 10120014 11181934 	<ul style="list-style-type: none"> 11210410 10120014 11181834 	Operation Error: 5 is the difference of the (sum of 3 and n) and 7. $3 + n - 7 = 5$
D $3n + 5 = -7$	8%	
Students list - 02/23/2017	Students list - 08/29/2017	Supporting Information
	<ul style="list-style-type: none"> 9752005 11181805 11143186 	Out of Context: -7 is the sum of $3n$ and 5. $3n + 5 = -7$

Omitted) 3% Not Seen) 22%

Item Analysis

After selecting an item to analyze:

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

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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Assessment of Preparedness for 7th Grade Mathematics (7M40A15) Answer Timings

Export as pdf

Class Name:Grade 7 Common Core (3)

Class Name:Grade 7 Common Core (3)

Instructor:

Instructor:

School:

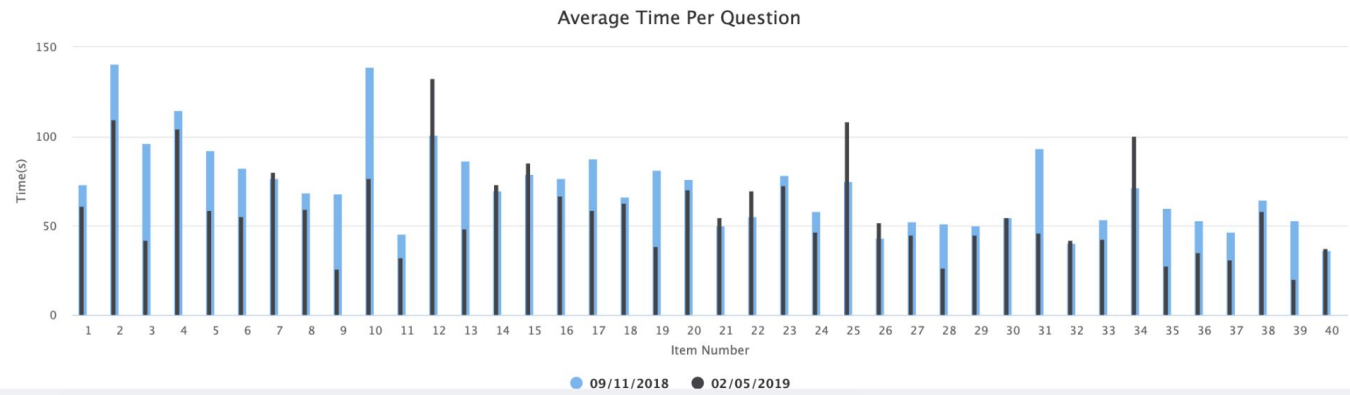
School:

Date:09/11/2018

Date:02/05/2019

Item Answers with Average Timings

Number of students: 25; Total Average Time: 47 minutes, 46 seconds & 39 minutes, 21 seconds



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.

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SummaryTopic SummaryItem AnalysisAnswer TimingsIndividual Results

Assessment of Preparedness for 7th Grade Mathematics (7M40A15) Student Results

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Individual Results

Individual detailsIndividual summary

Tier 1 Demonstrated readiness of the content in this topic needed for success in this course.

Tier 2 Approaching readiness of the content in this topic needed for success in this course.

Tier 3 Below readiness of the content in this topic needed for success in this course.

View 09/11/2018 R...

View 02/05/2019 Results

Comparison Analysis

STUDENT NAME ▲	RAW SCORE	PERCENT CORRECT	ITEMS MARKED	LAST MARKED	NUMBER OMITTED	NOT SEEN	TIER 1 TOPICS	TIER 2 TOPICS	TIER 3 TOPICS	DAST	DECM	EXEQ	FRAC	GEOM	INTG	PROP
Student01	16/40	40	40	40	0	0	1/7	3/7	3/7	2	1	1	5	1	4	2
Student02	26/40	65	40	40	0	0	4/7	3/7	0/7	3	3	4	4	3	5	4
Student03	06/40	15	26	34	9	5	0/7	1/7	6/7	0	0	0	2	1	1	2

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

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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SummaryTopic SummaryItem AnalysisAnswer TimingsIndividual Results

Assessment of Preparedness for 7th Grade Mathematics (7M40A15) Student Results

Export as pdf

Individual Results

Individual detailsIndividual summary

Tier 1 Demonstrated readiness of the content in this topic needed for success in this course.
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View 09/11/2018 R...View 02/05/2019 ResultsComparison Analysis

STUDENT NAME ▲	RAW SCORE	PERCENT CORRECT	ITEMS MARKED	LAST MARKED	NUMBER OMITTED	NOT SEEN	TIER 1 TOPICS	TIER 2 TOPICS	TIER 3 TOPICS	DAST	DECM	EXEQ	FRAC	GEOM	INTG	PROP
Student01	16/40	40	40	40	0	0	1/7	3/7	3/7	2	1	1	5	1	4	2
Student02	26/40	65	40	40	0	0	4/7	3/7	0/7	3	3	4	4	3	5	4
Student03	06/40	15	26	34	9	5	0/7	1/7	6/7	0	0	0	2	1	1	2