

Teacher Digital Experience

Walkthrough



Grades


6-8

Empower Student Growth with an Effective and Connected Learning System

i-Ready Classroom Mathematics teaching and learning resources are accessible through i-ReadyConnect.com. This platform houses all print and digital instructional resources, adaptive interactive games, digital practice, assessments, and reports for the program. With one place to access all K–8 resources, teachers can quickly and easily meet the needs of all learners.


Connected

Resources, practice, assessments, and reports on one platform




Easy

Simple navigation and organized content to meet student needs



Useful

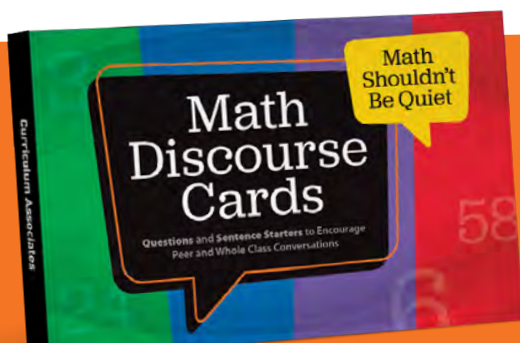
In-depth reports with actionable data that provides meaningful student insights



This guide will walk you through how to access the wealth of materials contained in this one, easy-to-use platform.

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Don't Miss These Engaging Resources



Math Discourse Cards

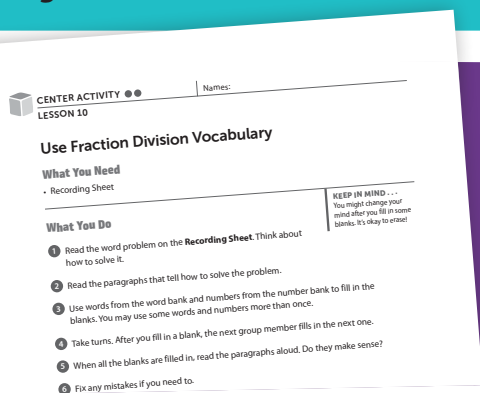
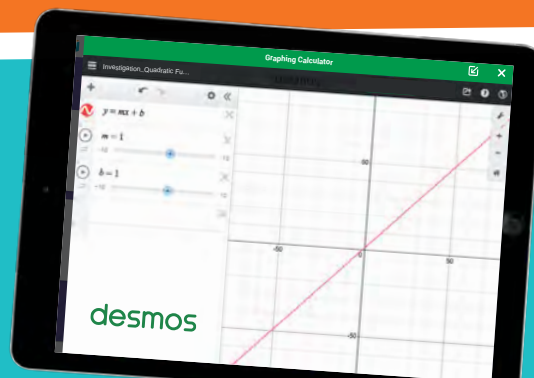
Each card provides a question or sentence starter to help students initiate, deepen, and extend conversations.

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Digital Math Tools Powered by Desmos

Online graphing and scientific calculators, as well as the geometry tools, allow students to explore concepts and deepen understanding.

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Math Center Activities

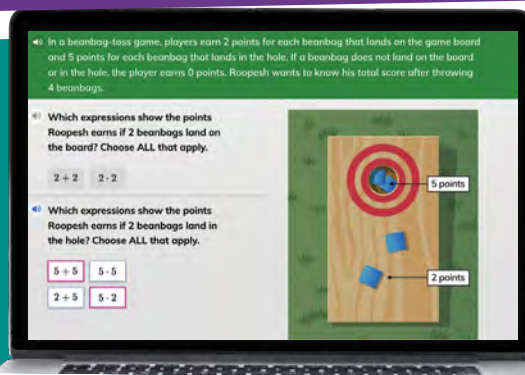
These activities reinforce on-level skills but are purposefully differentiated for on-, below-, and above-level students.

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Interactive Practice with Technology-Enhanced Items

This assignable digital practice reinforces understanding. Students receive immediate feedback to encourage perseverance and keep them on track.

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Adaptive Learning Games and Reports

Playful fluency practice allows students to explore essential skills in a low-stakes setting. In-depth reports offer teachers real-time snapshots of skills progress and growth mindsets.

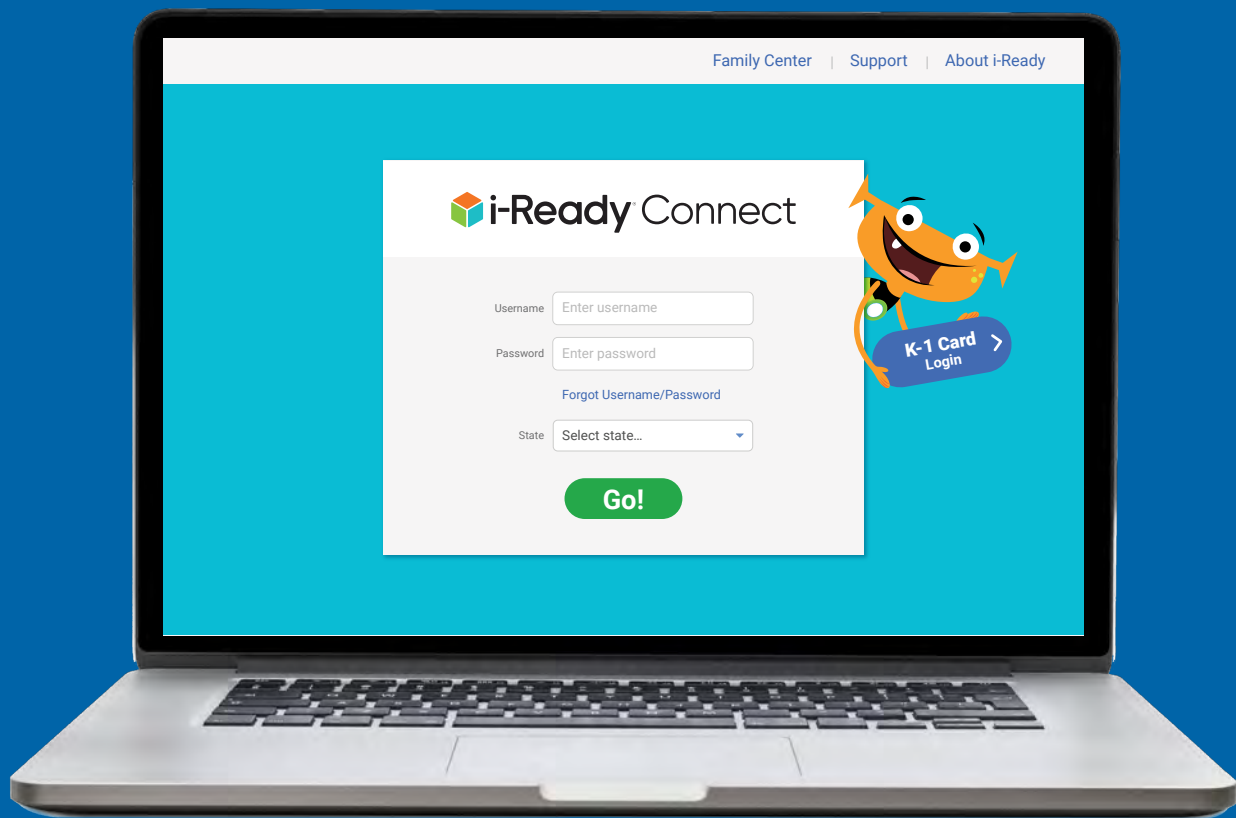
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Set Up a Demo Account



To get started with your *i-Ready Classroom Mathematics* demo account:

- 1 Your Curriculum Associates representative may have provided a demo access code. If not, email ReadyClassroomReviewAccess@cainc.com for a free trial.
- 2 Go to [PD.i-Ready.com/login/pd](https://pd.i-ready.com/login/pd). *Note: Login credentials will only work at this website.*
- 3 Enter your **username**.
- 4 Enter your **password**.
- 5 Select your **state**.
- 6 Select **Go!**





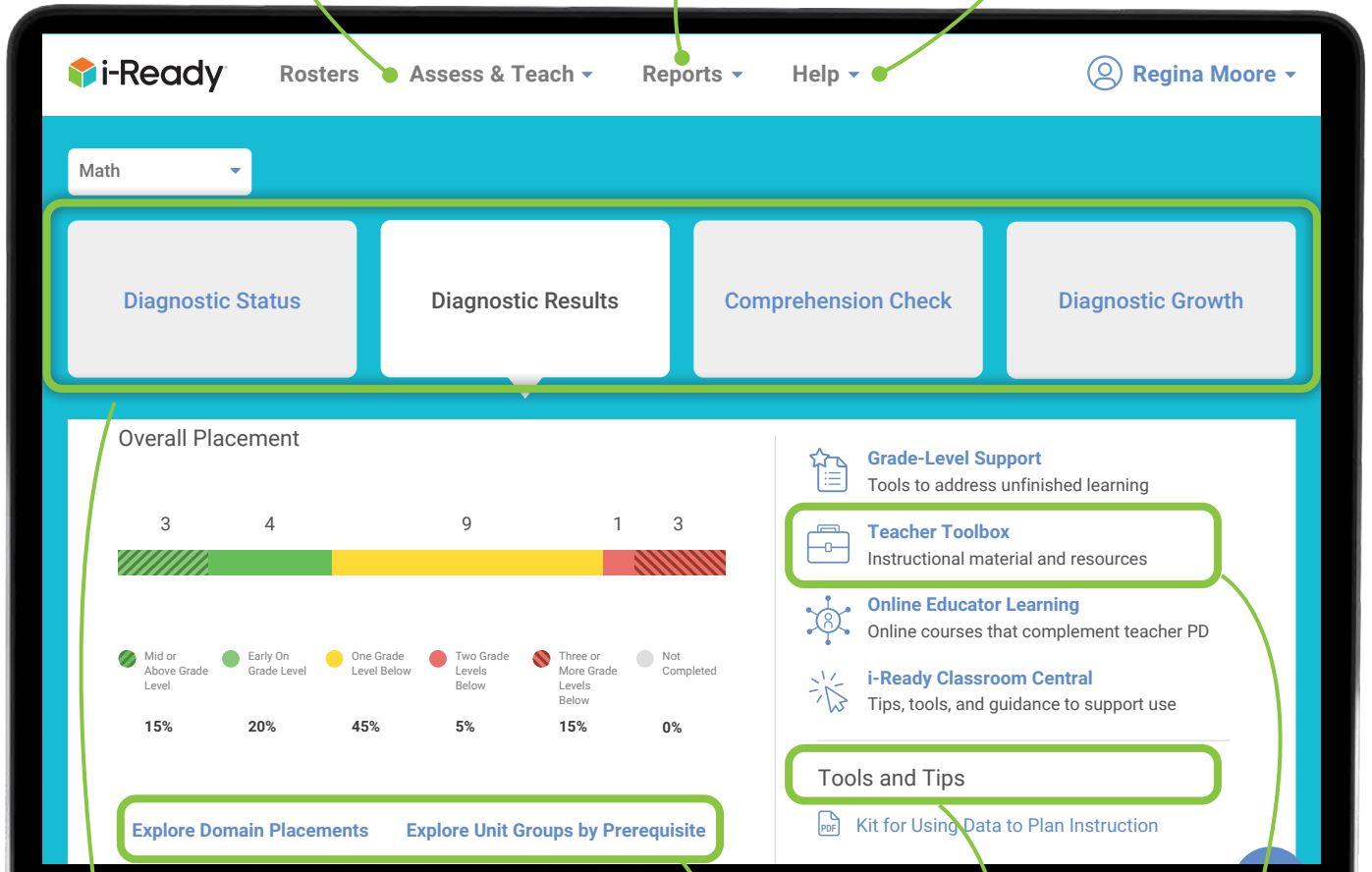
Navigate to: Teacher Dashboard

The teacher dashboard provides at-a-glance views of key aspects of *i-Ready Classroom Mathematics*.

See all **assessments and instructional resources**.

Monitor your students' progress.
Get data and resources to support planning for differentiation.

Explore **support resources**.



Dashboard tabs highlight different snapshots of student performance.

- **Diagnostic Status**
Students' progress as they complete a Diagnostic in real time
- **Diagnostic Results**
Intuitive visuals of student Overall Placement on the most recent Diagnostic
- **Comprehension Check**
Class results from the most recent Lesson Quiz or Unit Assessment Comprehension Check
- **Diagnostic Growth**
Class progress toward Typical Growth and Stretch Growth® after two or three completed Diagnostics

Get **key insights right away** with direct links to useful reports.

Access **Tools and Tips** to get the most from your data.

Access **all K-8 resources** for instruction, differentiation, and intervention.



Navigate to: Teacher Toolbox

Easily access all *i-Ready Classroom Mathematics* materials on the Teacher Toolbox.
Resources are conveniently organized to match the print materials, making navigation a breeze.

- 1 Click on **Assess & Teach** at the top of the screen.
- 2 **Resources** will be selected automatically.
- 3 Click on **Math** below the *Teacher Toolbox* icon.

What's inside the Teacher Toolbox?

A All K–8 Resources in One Place

The Teacher Toolbox for *i-Ready Classroom Mathematics* provides every teacher with access to all K–8 instructional resources for on-level instruction as well as resources for differentiation and intervention. Easily navigate between grades with a simple click.

Teacher Toolbox

Program: i-Ready Classroom | Subject: Math

A Grade: K 1 2 3 4 5 6 7 8

B Program Implementation | **D** Classroom Resources | Classroom Resources (Spanish) | **C** Assessment Practice

	Whole Class Instruction			Small Group Differentiation			
	Teach		Assess	Prepare	Reteach	Reinforce	Extend
	Instruction & Practice	Interactive Tutorials	Lesson Quizzes & Unit Assessments	Prerequisite Lessons	Tools for Instruction	Math Center Activities	Enrichment Activities
Unit 1: Expressions and Equations: Area, Algebraic Expressions, and Exponents							
Unit 1: Beginning of Unit							
Lesson 0: Lessons for the First Five Days							
Lesson 1: Find the Area of a Parallelogram 6.G.A.1							
Lesson 2: Find the Area of Triangles and Other Polygons 6.G.A.1							

Check out the **Teacher Toolbox Resources Sampler** for grade-level examples of lesson and unit resources.

B Program Implementation

Grade-level resources and support materials for a successful implementation. Explore to see all the resources below.

Teaching and Learning Resources

- **Develop Session Video Library**
- Discourse Cards **E/S**
- Activity Sheets **E/S**
- Graphic Organizers **E/S**
- **Digital Math Tools Powered by Desmos**
- Digital Math Tools—Support Videos

Implementation Support

- Student Handbook **E/S**
- Multilingual Glossary **E/S**
- Bilingual Glossary **E/S**
- Academic Vocabulary Glossary **E/S**
- Manipulatives List
- **WIDA PRIME V2 Correlation**
- Try–Discuss–Connect Routine Resources
- Digital Resource Correlations
- Comprehension Check Correlation Guides

Teacher's Guide Front and End of Book

- Teacher's Guide Table of Contents
- Program Resources
- Program Overview
- Standards for Mathematical Practice in Every Lesson
- Supporting Research
- Correlations
- Yearly Pacing
- Acknowledgments

Develop Session Video Library

Instructional videos for remote learning, homework support, or reteaching concepts

Digital Math Tools Powered by Desmos

Powerful visuals help students make graphical, numerical, algebraic, and geometric connections.

WIDA PRIME V2 Correlation

i-Ready Classroom Mathematics correlates to the WIDA Standards Framework and the English and Spanish Language Development Standards, providing best-in-class support for English Learners.

C Assessment Practice

Monitor student progress on grade-level standards.

- **Grade-level practice tests** **E/S**
use a variety of question types to help students prepare for high-stakes assessments.
- Teacher's Guides provide administration guidance, answer keys, and standards correlations.

E/S = Available in English and Spanish

Section 1 (Calculator-Inactive)

Answer questions 1–20. Answer questions outlined in orange in your test book. Answer questions on the Answer Form. You may not use a calculator.

1 Refer to the number line below.

Which statements are true? Mark all that apply.

A Since -2 is to the left of 1 , $-2 < 1$.

B Since -1 is to the left of 1 , $-1 < 1$.

C Since -2 is to the left of $\frac{1}{2}$, $-2 < \frac{1}{2}$.

D Since -2 is to the left of -1 , $-1 < -2$.

E Since -1 is to the left of $-\frac{1}{2}$, $-1 < -\frac{1}{2}$.

F Since -1 is to the left of 2 , $2 > -1$.

4 The student council set a goal of raising at least \$300 in flower sales. So far it has raised \$415.

Part A Write an inequality to show how many more dollars, d , the student council needs to raise to reach its goal.
Inequality _____

Part B Graph the inequality from Part A on the number line.

Part C How many solutions does the inequality have? Explain your reasoning by giving some examples of solutions to the inequality.

Go On

Example of Assessment Practice Test

D Classroom Resources

The Classroom Resources tab contains a variety of print and digital resources:

- The **Whole Class Instruction** section includes a wealth of resources to Teach and Assess.
- The **Small Group Differentiation** section includes resources that are designed to meet the needs of all learners.

Whole Class Instruction Columns 1–3

Whole Class Instruction			Small Group Differentiation			
Teach		Assess	Prepare	Reteach	Reinforce	Extend
Instruction & Practice	Interactive Tutorials	Lesson Quizzes & Unit Assessments	Prerequisite Lessons	Tools for Instruction	Math Center Activities	Enrichment Activities
Unit 1: Expressions and Equations: Arithmetic Expressions and Exponents						
Unit 1: Beginning of Unit						

1 Teach:

Instruction & Practice includes resources for planning and supporting daily instruction and practice:

- Teacher's Guide PDFs E/S
- Student Worktext PDFs E/S
- Professional Learning Videos
- Math Background Pages E/S
- Activity Sheets E/S
- Editable PowerPoint® Slides E/S
- Family Letters E/S
- Fluency and Skills Practice E/S
- Cumulative Practice E/S
- Unit Games E/S
- Literacy Connection Activities E/S
- Digital Math Tools Powered by Desmos

Make sure to check out these **Instruction & Practice highlights:**

LESSON 18

Dear Family,

This week your student is learning about writing and solving multi-step equations using algebraic approaches.

One way to solve word problems is to write and solve an equation that represents the situation. A bar model may help you make sense of a problem. Then you can use it to write an equation to represent the situation.

A group of friends go to a concert. Each friend buys a ticket that costs \$30. Some of the friends also buy T-shirts that cost \$15 each. In total the friends spent \$195. How many T-shirts, x , did the friends buy?

Bar Model

30	30	30	30	30	15
----	----	----	----	----	----

Equation

$$15x + 150 = 195$$

There are often multiple ways to approach solving an equation. Your student will be solving problems like the one below.

A family buys 2 adult tickets and 4 child tickets to a high school basketball game. The family spends a total of \$28 on tickets. The adult tickets cost \$7 each. What is the cost, x , of each child ticket in dollars?

ONE WAY to start finding the value of x is to subtract 14 from both sides of the equation.

$$4x + 14 = 28$$

$$4x + 14 - 14 = 28 - 14$$

$$4x = 14$$

$$\frac{4x}{4} = \frac{14}{4}$$

$$x = 3.5$$

ANOTHER WAY to start is to divide both sides by 4.

$$4x + 14 = 28$$

$$\frac{4x + 14}{4} = \frac{28}{4}$$

$$x + 3.5 = 7$$

$$x + 3.5 - 3.5 = 7 - 3.5$$

$$x = 3.5$$

Using either method, $x = 3.5$. The cost of each child ticket is \$3.50.

Use the next page to start a conversation about equations.

Family Letters E/S

Keep families in the loop! Every lesson has a letter that includes background information, vocabulary, and an activity.

UNIT 1 Math Background

Proportional Relationships

Scale and Scale Drawings

✓ Studying scale and scale drawings makes use of unit conversions. Students develop a scale factor as a bridge to the subsequent work with proportional relationships in this unit, and lay the foundation for students' understanding of distance and area in Grade 8.

✓ A scale describes the relationship between lengths in the original figure and lengths in the scale drawing. A scale factor is a number you multiply an original length by to get the corresponding length in the scale drawing.

✓ Students apply equivalent ratios and unit rates to proportional relationships and unit rates to proportional relationships, such as maps and diagrams.

✓ Students use proportional reasoning to create a scale drawing of an object using a different scale, recognizing that the new drawing is a scale drawing of the original drawing.

EXAMPLE 1: On a scale drawing, a 1 cm segment is 1/2 the length of a hallway in a room. If the hallway in the room is 10 m long, how long is the hallway in the scale drawing?

✓ **Common Misconception** Students may think that area scales by the same factor as length. Point out that the scale factor from a 2 cm square to a 4 cm square is 2, but the area of the large square is 4 times the area of the small square.

✓ After students have learned about the concept of proportionality, they can revisit scale factor to connect the two concepts.

Students use equivalent ratios to explore scale drawings...

$\triangle DEF$ is a scale drawing of $\triangle ABC$.

The ratio $AB:DE$ is 1:3.

The ratio $BC:EF$ is 2:6, or 1:3.

...and multiply by scale factors to find unknown dimensions.

The scale factor from $\triangle ABC$ to $\triangle DEF$ is 3.

$$AC = 25 \div DF = 25 \div 3 = 75$$

So, $x = 75$.

Math Background Pages E/S

These pages provide tips and insights about the models taught and how they progress throughout a unit.

Division of Fractions

$1\frac{1}{2} \div \frac{1}{2} = ?$

There are twelve $\frac{1}{2}$'s in $1\frac{1}{2}$.

There are 4 groups of $\frac{1}{2}$ in $1\frac{1}{2}$.

$1\frac{1}{2} \div \frac{1}{2} = 4$

Professional Learning Videos

The Unit Flow & Progression Videos show how concepts build in each unit and include ideas for using the models and making connections. *Closed captioned in English/Spanish and available for parents, too!*

TRY IT! Make sense of the problem

A band marches in the African American Day Parade in New York City. The band marches 800 meters every 15 minutes.

What is the problem about?
What questions can you ask that mathematics can answer?

Editable PowerPoint Slides E/S

Use premade slides during instruction to guide students as they explore and problem solve.

E/S = Available in English and Spanish

Student PDFs can be assigned through any learning management system (LMS)!

Digital Math Tools Powered by Desmos

A full suite of virtual math manipulatives allows students to explore mathematical concepts using multiple models.

Digital Math Tools

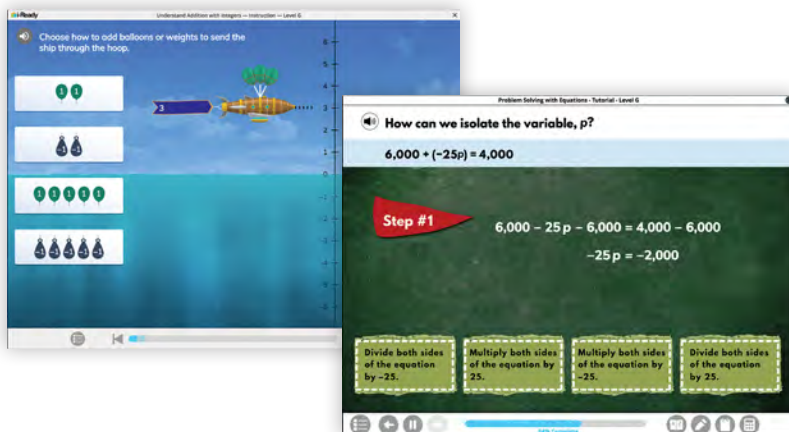
Powered by Desmos

A full suite of virtual math manipulatives allows students to explore mathematical concepts using multiple models.

2 Teach:

Interactive Tutorials E/S

are videos that engage students during whole class instruction.



3 Assess:

Lesson Quizzes and Unit Assessments evaluate student understanding of content through a variety of item types.

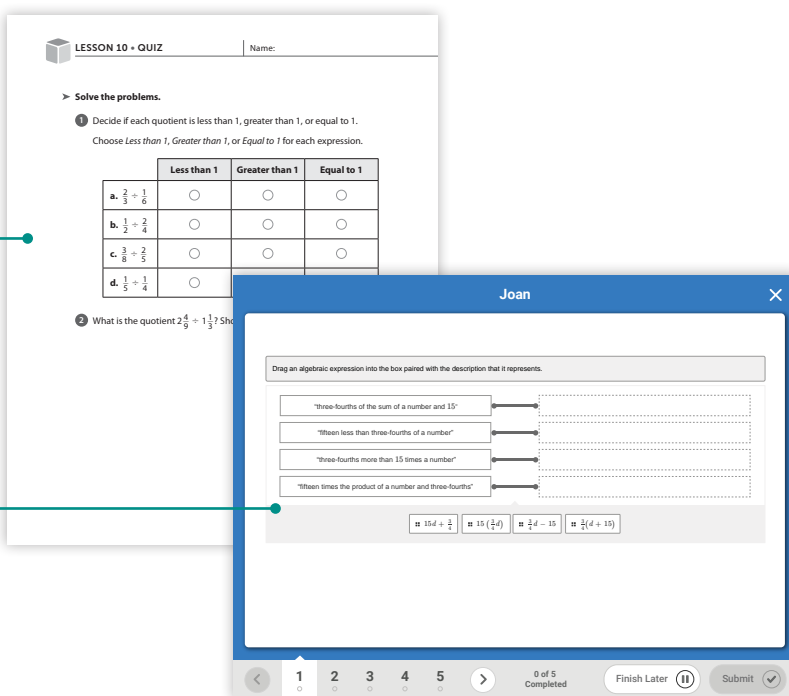
- **Lesson Quizzes** E/S

- **Unit Assessments** E/S
(Forms A and B)

- **Digital Assessments** E/S

For a digital alternative to PDF assessments, assign the **Comprehension Checks**.

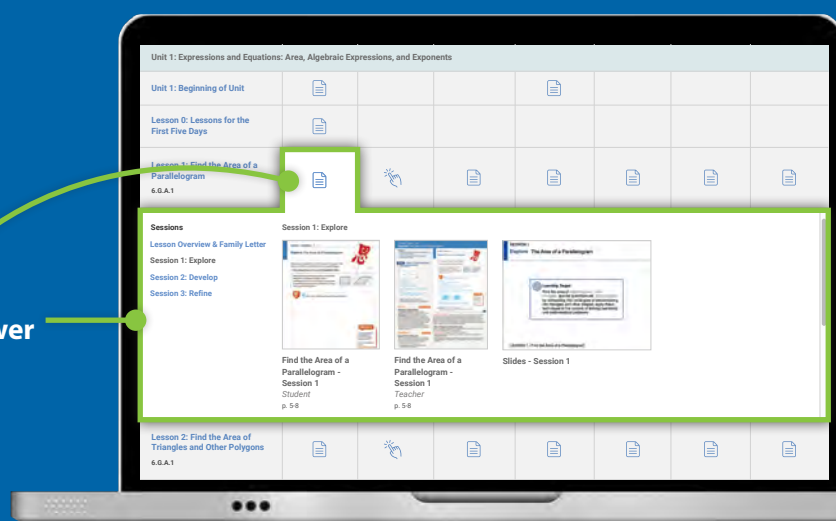
*These are found in the Assessment section.
See [page 13](#) for more information.*



Quick Tip

To view the resources at the unit or lesson level in the Classroom Resources tab:




- Click on the appropriate icon to expand or collapse.
- Scroll within the expanded drawer to explore all resources.



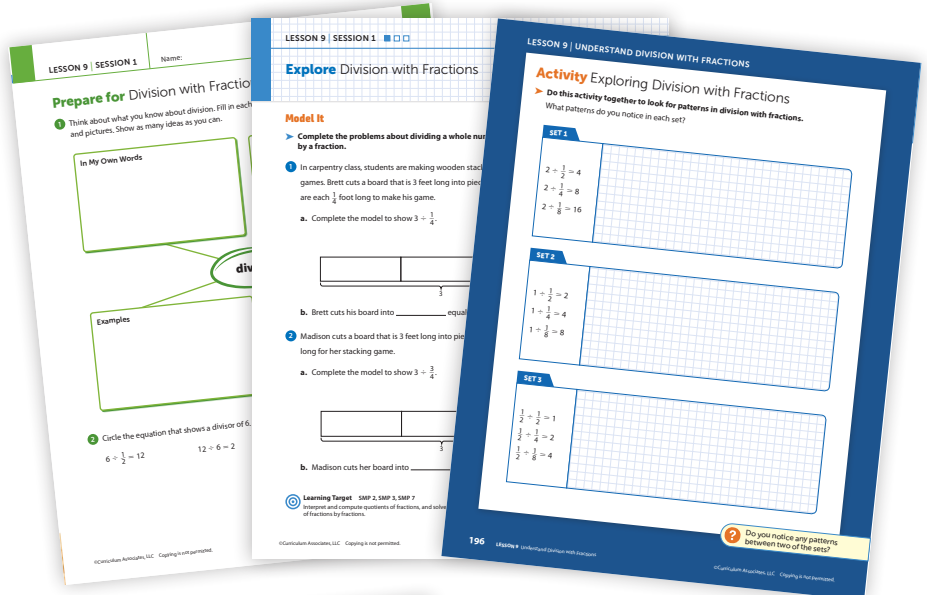
E/S = Available in English and Spanish

D Classroom Resources, Cont'd.

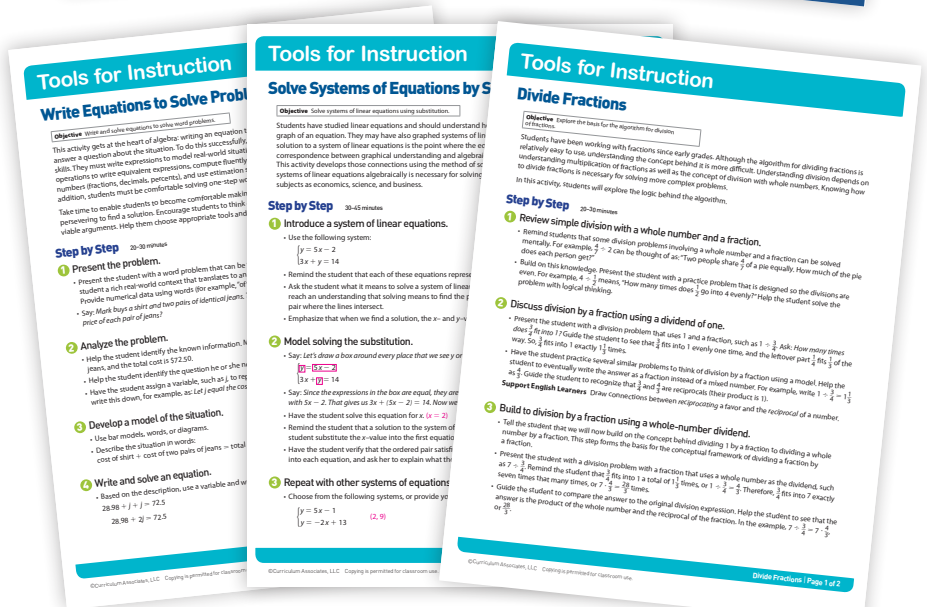
Small Group Differentiation Columns 4–7

	Whole Class Instruction			Small Group Differentiation			
	Teach		Assess	Prepare	Reteach	Reinforce	Extend
	Instruction & Practice	Interactive Tutorials		Prerequisite Lessons	Tools for Instruction	Math Center Activities	Enrichment Activities
Unit 1: Expressions and Equations: Area, Algebraic Expressions, and Exponents							
Unit 1: Beginning of Unit							
Lesson 0: Lessons for the First Five Days							

4 Prepare:
Prerequisite Lessons E/S
 from previous grade levels
 help address students'
 unfinished learning.



5 Reteach:
Tools for Instruction E/S
 are targeted lessons for
 reteaching skills and concepts
 in a different way.

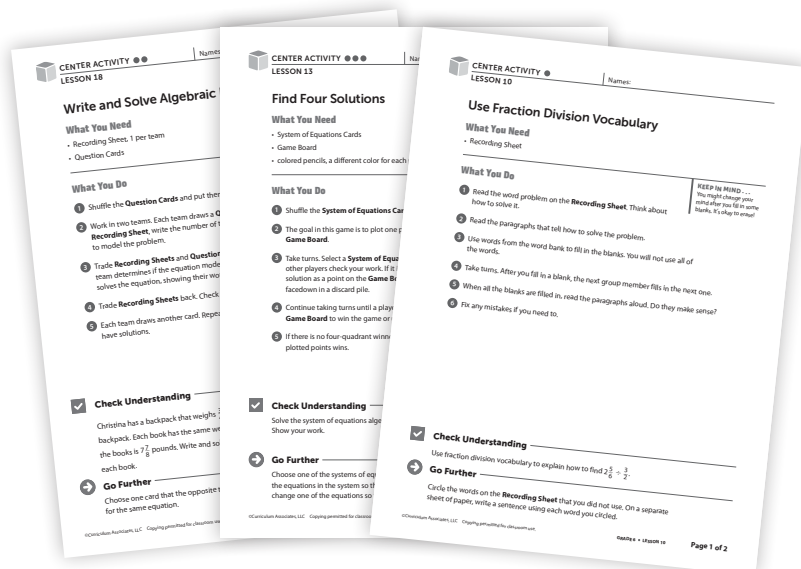


E/S = Available in English and Spanish

6 Reinforce:

Math Center Activities E/S

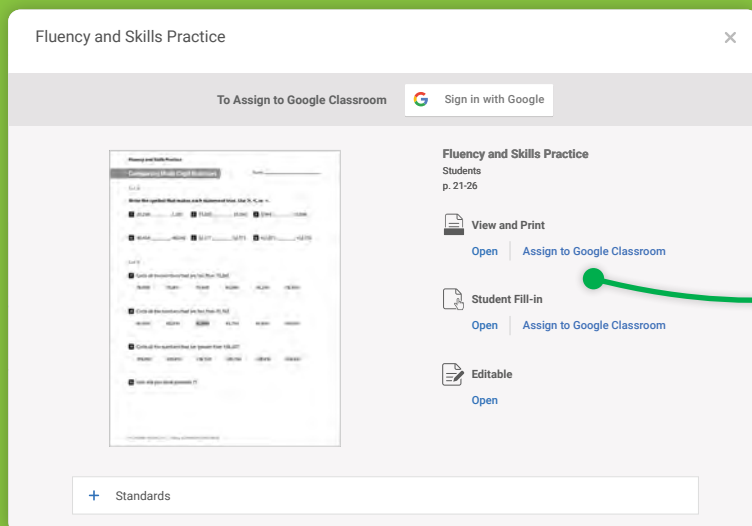
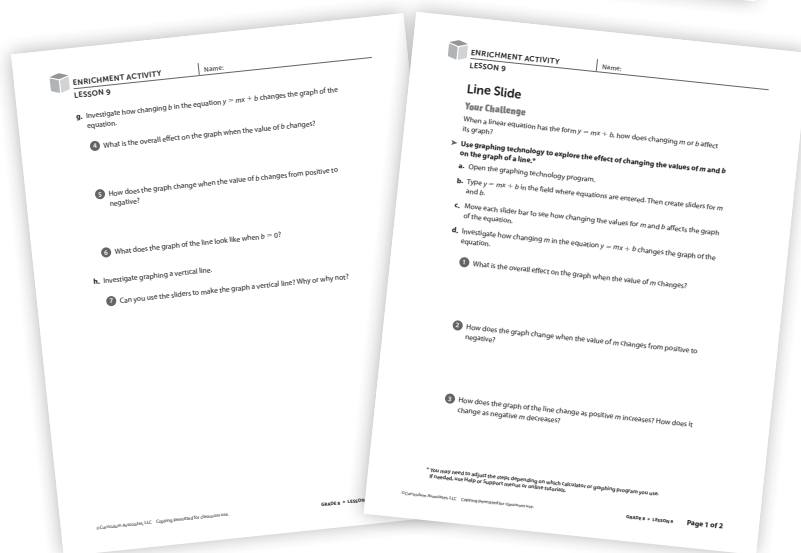
reinforce on-level skills through differentiated centers (Below Level, On Level, and Above Level).



7 Extend:

Enrichment Activities E/S

strengthen and advance student understanding of lesson concepts.



- Student PDFs work with any LMS!
- Easily assign resources to Google Classroom.



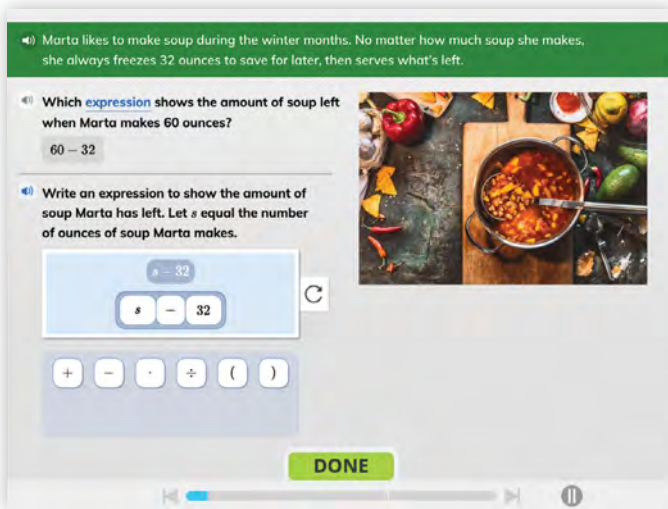
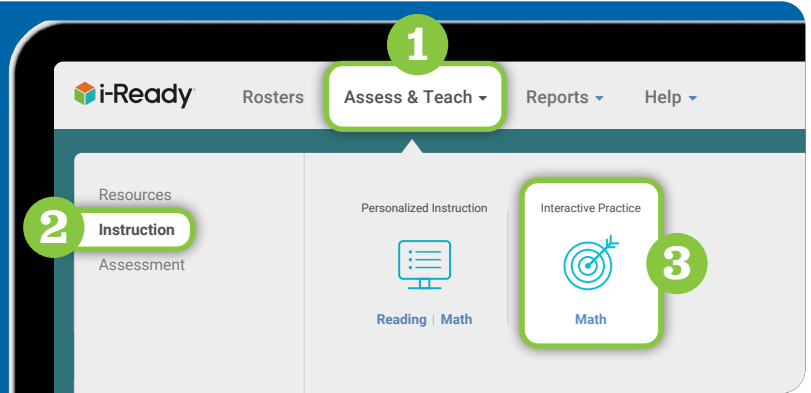
E/S = Available in English and Spanish



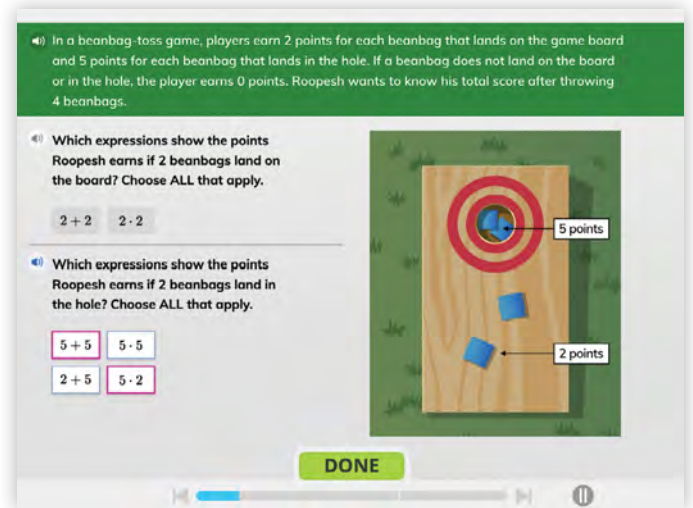
Navigate to: Interactive Practice

Help students build understanding and fluency on the grade-level concepts they struggle with the most using digital practice. Interactive Practice gives students immediate feedback to encourage perseverance and keep them on track.

- 1 Click on **Assess & Teach**.
- 2 Select **Instruction** from the category on the left.
- 3 Select **Math** below the *Interactive Practice* icon.



Example of Grade 6
Interactive Practice: Drag-and-Drop



Example of Grade 6
Interactive Practice: Multiple Select

Interactive Practice
available for every lesson!



Navigate to: Digital Assessment

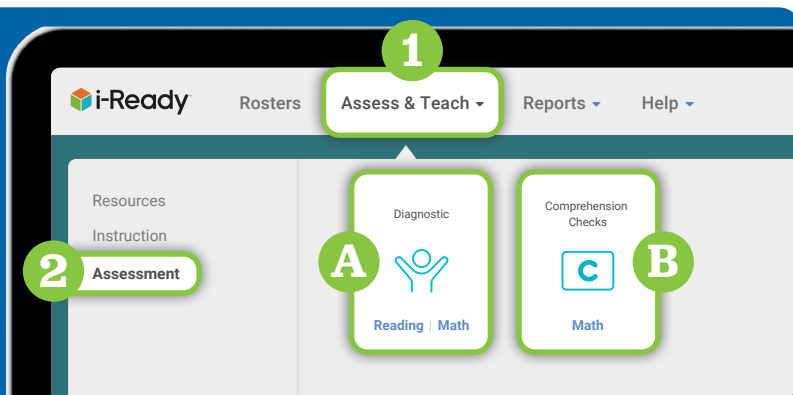
Gain insights to inform instructional decisions using digital assessments. Through this Assessment section, teachers can assign a variety of digital assessments to measure student learning and growth.

1 Select **Assess & Teach**.

2 Select **Assessment** from the category on the left.

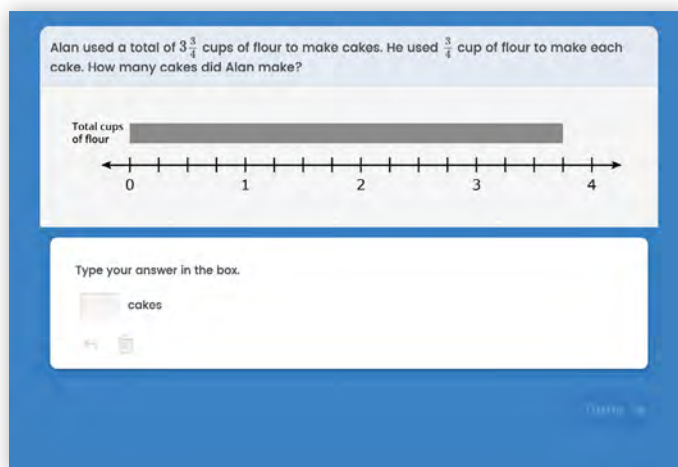
A Select **Math** below the *Diagnostic* icon. OR

B Select **Math** below the *Comprehension Checks* icon.



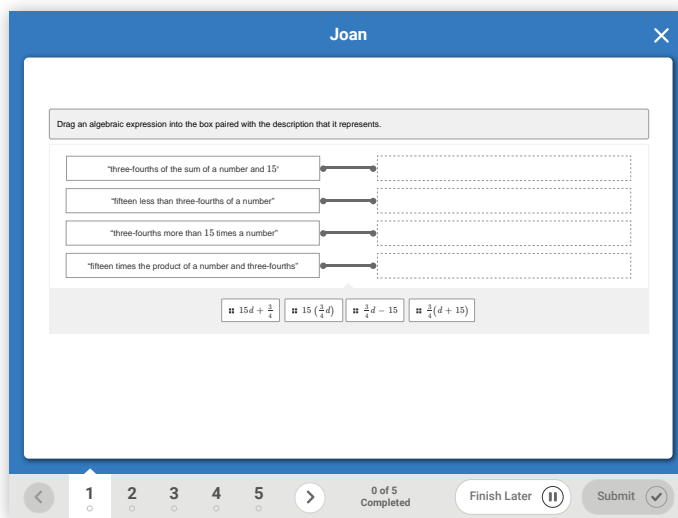
A Diagnostic

The Diagnostic is an adaptive, online assessment that provides comprehensive insight into student learning and growth across all K–12 skills. This assessment drives key reports, including the Prerequisites report and Diagnostic Results report, that provide data for instructional decisions based on students' needs. To learn more about these reports, see [pages 14–15](#).



B Comprehension Checks

Comprehension Checks with technology-enhanced items are digital assessments comparable to the Lesson Quiz or Unit Assessment. Teachers can assign the premade Comprehension Check or they can add or remove problems in the question set to meet their unique class needs.



 = Available in English and Spanish



Navigate to: Reports

Diagnostic, Instruction, and Comprehension Checks: Understand your students better and plan for effective instruction with in-depth reports. A few program highlights are listed below. To see more reports, check out the *Digital Assessment Reports Sampler*.

1 Select Reports.

- A Locate Diagnostic.**
- B Locate Instruction.**
- C Locate Comprehension Checks.**

A Diagnostic

Provides insights on students' prior knowledge for effective instructional decision making

Prerequisites

Subject: Math, Class/Report Group: A. Shah – Grade 6, Section 1, Grade: Grade 6, Unit: Unit 2 (Lessons 7–11)

Unit Overview

Unit 2: Decimals and Fractions: Base-Ten Operations, Division with Fractions, and Volume

In this unit, students use what they know about adding, subtracting, and multiplying decimals to hundredths to extend their understanding of computing with decimals. They learn the standard algorithm for whole number and decimal division and use both visual models and equations to divide with fractions. They will also build on their prior understanding of volume and of multiplying with fractions to find volumes of rectangular prisms with fractional edge lengths.

Whole Class

After familiarizing yourself with the needs of the students based on the data below, you may decide to address these prerequisite skills during whole class instruction.

Prerequisite Groups	Unit Group A 2 Students	Unit Group B 8 Students	Unit Group C 2 Students	Unit Group D 7 Students
Understand decimals.	✓	✓	✓	Additional Support
Add, subtract, and multiply decimals to hundredths.	✓	✓	Additional Support	In-depth Review
Divide multi-digit whole numbers and decimals to hundredths.	✓	✓	Additional Support	In-depth Review
Essential Skill Multiply with fractions and divide with unit fractions.	✓	Additional Support	In-depth Review	In-depth Review
Find volume with whole numbers.	✓	Additional Support	In-depth Review	In-depth Review
	Banks, Abby Sanchez, Laura	Graves, Christian Cheng, Bianca Delaney, Aaron	Royce, Logan McIntosh, Markus	Gonzales, Bella Hopper, Carla Vu, Kaylee

Prerequisites Report

Use the Prerequisites report to address unfinished learning, either during small group or whole class instruction, depending on the needs of the class.

Learning Progression

Understand the coherence of standards across previous grade levels to help uncover and address students' unfinished learning.

Whole Class Instruction

Use this pacing and guidance to adjust lesson plans to address prerequisites during whole class instruction when most students have similar learning needs.

- Teach Prerequisite Lessons.
- Consolidate other lessons in the unit.
- Use on-the-spot prerequisite support during grade-level instruction.

Small Group Instruction

Strategically pace the recommended resources throughout the unit with small groups of students to address their similar learning needs.

B Instruction

Provides real-time snapshots of student progress and behaviors toward learning

Learning Games—Factors of Learning report indicates how students approach the games from a learning–motivational perspective, through different categories:

- Growth Mindset
- Confidence
- Productive Struggle
- Self-Regulation

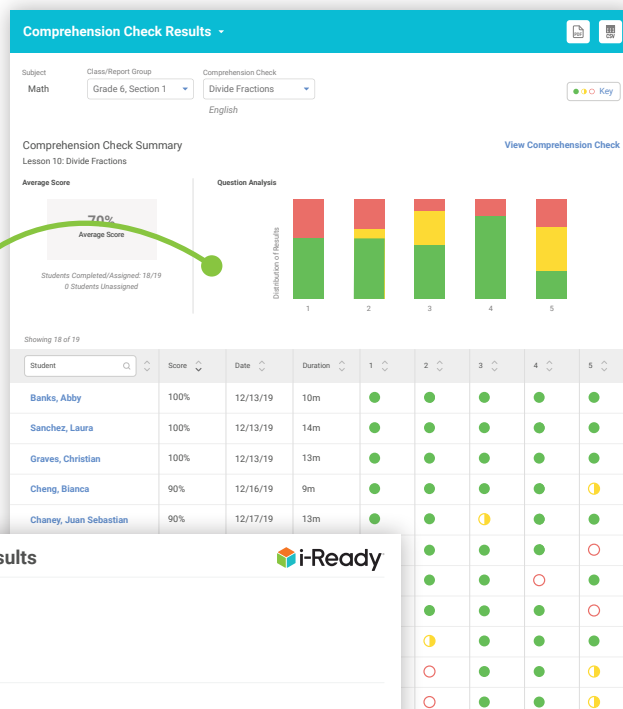
Legend: ☐ Not enough data, ☐ Low, ☐ Medium, ☐ High. Sort by: Student Name

Name	Growth Mindset	Confidence	Productive Strategy	Self-Regulation
Aiden	Medium	High	Medium	High
Bailey	High	Medium	High	Medium
Camila	Medium	Medium	Medium	Medium
Chloe	Medium	Medium	High	Medium
Dylan	Medium	Medium	Medium	Medium
Griffin	Medium	Medium	Medium	Medium
Henry	Medium	Medium	High	High
Huntley	Medium	Medium	High	Medium
Jackson	Medium	Medium	Medium	Medium
Kora	Medium	Medium	High	High

C Comprehension Checks

Provides in-depth analysis of student understanding of lesson and unit concepts

Intuitive **item analysis** identifies specific needs for whole class or small group instruction.



Comprehension Check Results

Subject: Math, Student: Brian Vargas, Student ID: vargas_brian, Student Grade: 6, Comprehension Check: Divide Fractions A, Assessment Language: English, Score: 80%, Date: 12/11/20

Item 1
0.75/1 point

Determine whether each quotient is less than 1, greater than 1, or equal to 1.

Drag each expression into a box to show the relationship between the quotient and 1.

Less than 1: $\frac{1}{2} \div \frac{1}{3}$, $\frac{2}{3} \div \frac{1}{2}$
Greater than 1: $\frac{1}{2} \div \frac{1}{3}$, $\frac{2}{3} \div \frac{1}{2}$
Equal to 1: $\frac{1}{2} \div \frac{1}{2}$, $\frac{2}{3} \div \frac{2}{3}$

Correct answers: $\frac{1}{2} \div \frac{1}{3}$, $\frac{2}{3} \div \frac{1}{2}$, $\frac{1}{2} \div \frac{1}{2}$, $\frac{2}{3} \div \frac{2}{3}$

Students may have an incorrect response because they may not understand how the relationship between the dividend and divisor can be used to determine whether a quotient is less than, greater than, or equal to 1.

Students who classified $\frac{1}{2} \div \frac{1}{3}$ as greater than 1 may have thought that when the divisor is greater than the dividend, the quotient is greater than 1.

Students who classified $\frac{1}{2} \div \frac{1}{3}$ and/or $\frac{2}{3} \div \frac{1}{2}$ as less than 1 may have thought that when the divisor is less than the dividend, the quotient is less than 1.

Students who classified $\frac{1}{2} \div \frac{1}{2}$ as less than 1 may have thought that the dividend is less than the divisor because the numerator and denominator of the dividend are both less than the numerator and denominator of the divisor.

Response analysis outlines the rationale for typical incorrect responses, helping teachers find common misconceptions.

Digital Assessment Reports Sampler

To See More Reports
Check out the *Digital Assessment Reports Sampler*.

Learn more at
i-ReadyClassroomMathematics.com/24

To see how other educators are maximizing their
i-Ready Classroom Mathematics experience, follow us on social media!



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[iReady](https://www.pinterest.com/iReady)



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