

# 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](https://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 Grades 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

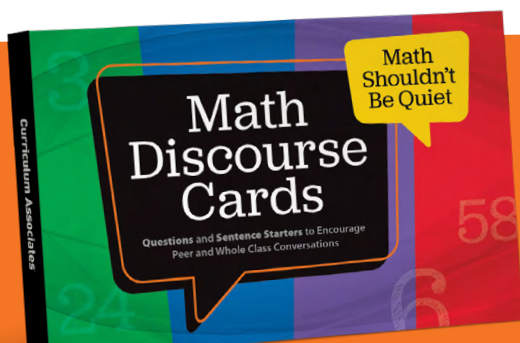
In-depth reports with actionable data that provides meaningful student insights



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

<b>Set Up a Demo Account</b>	<b><a href="#">4</a></b>
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# Don't Miss These Engaging Resources



## Math Discourse Cards

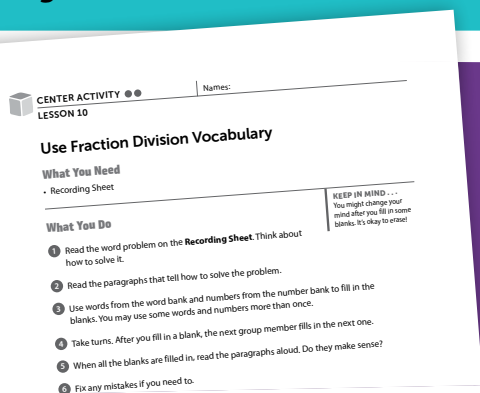
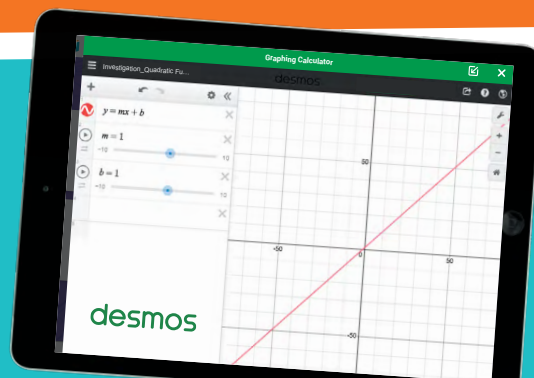
Each card provides a question or sentence starter to help students initiate, deepen, and extend conversations.

[Page 7](#)

## 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.

[Page 8](#)



## Math Center Activities

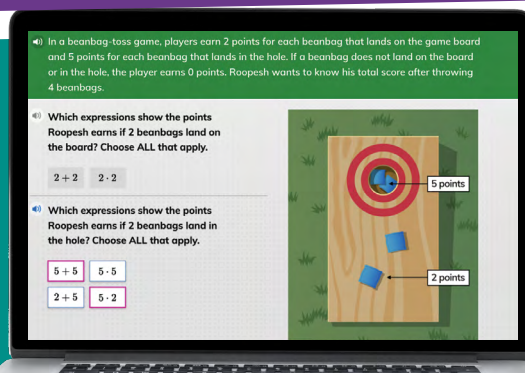
These activities reinforce on-level skills but are purposefully differentiated for on-, below-, and above-level students.

[Page 11](#)

## Interactive Practice with Technology-Enhanced Items

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

[Page 12](#)



## 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.

[Page 15](#)

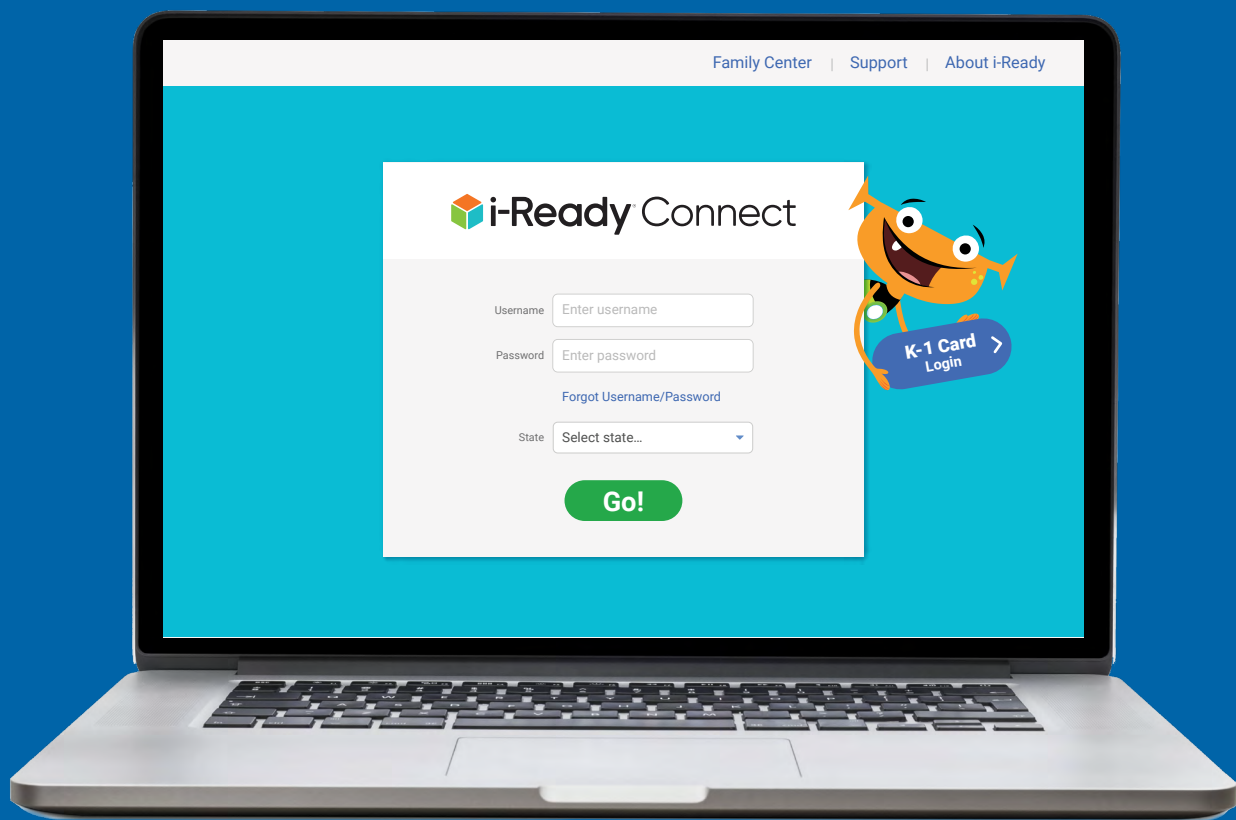
# Set Up a Demo Account



## Get Started

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](mailto: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!**







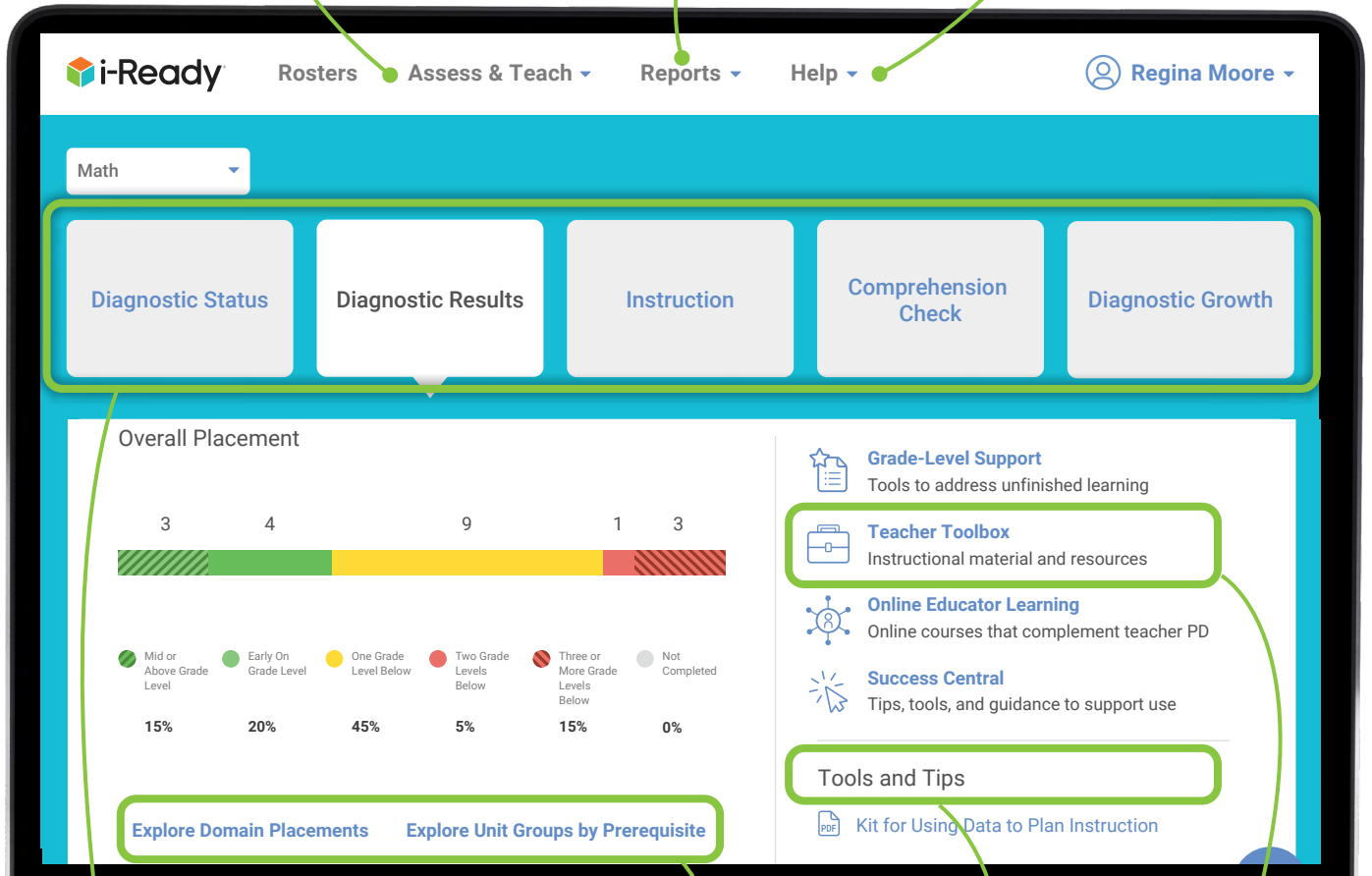
# Navigate to: Teacher Dashboard

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 Grades K–8 resources** for instruction, differentiation, and intervention.

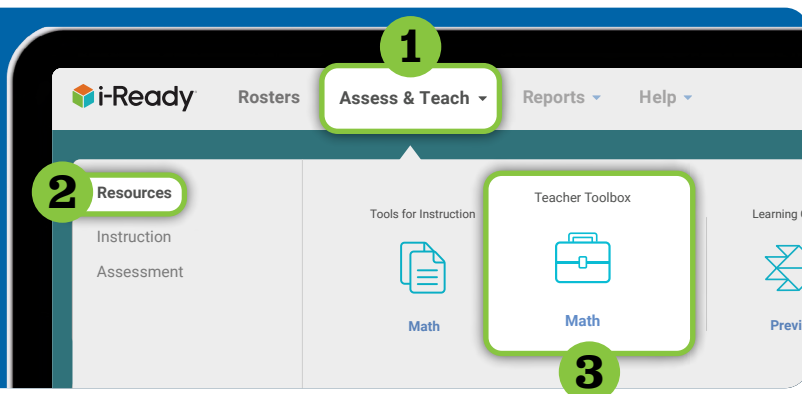


# Navigate to: Teacher Toolbox

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 Grades K–8 Resources in One Place

The Teacher Toolbox for *i-Ready Classroom Mathematics* provides every teacher with access to all Grades 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							
Lesson 2: Find the Area of Triangles and Other Polygons							

**Check out the Teacher Toolbox Resource 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 Framework 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

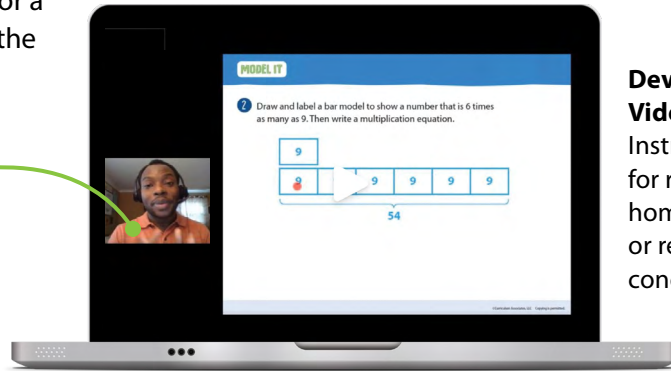
# C Assessment Practice

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.

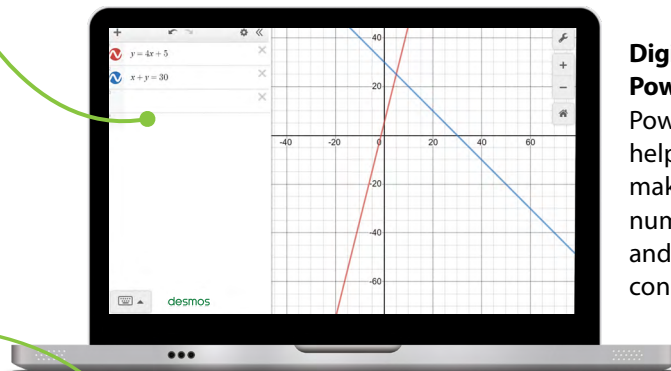
## Develop Session Video Library

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



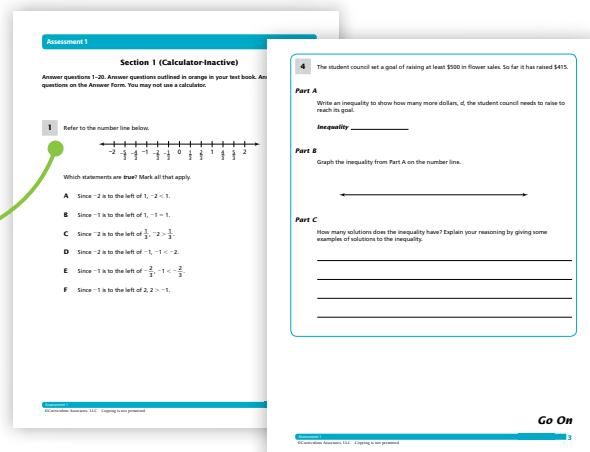
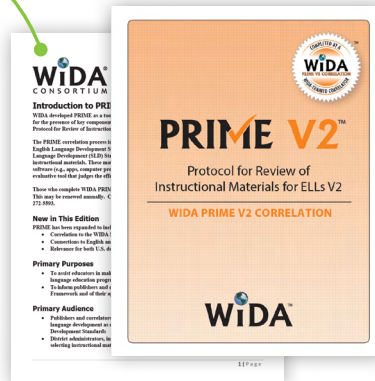
## Digital Math Tools Powered by Desmos

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.



Example of Assessment Practice Test

**E/S** = Available in English and Spanish

# 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 and Algebraic 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	15	15	15	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 make use of unit conversions. Students convert units to serve 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 scale 4.

✓ 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 the proportional relationship between scale drawings, such as maps and blueprints.

✓ 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.

✓ **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 larger square is 4 times the area of the smaller square.

✓ Other students have learned about the concept of proportionality. They can recall 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.

$$AC = 2.5 \times DF = 2.5 \times 3 = 7.5$$

So,  $x = 7.5$ .

#### 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**

$1\frac{1}{2} \div \frac{3}{8} = ?$

There are twelve  $\frac{1}{8}$ 's in  $1\frac{1}{2}$ .

There are 4 groups of  $\frac{3}{8}$  in  $1\frac{1}{2}$ .

$$1\frac{1}{2} \div \frac{3}{8} = 4$$

#### Unit Flow & Progression 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.

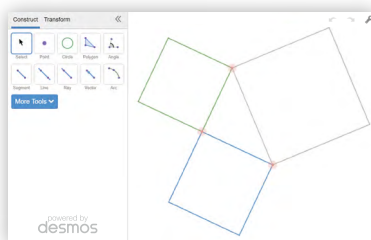
What is the problem about?  
What questions can you ask that mathematics can answer?

#### PowerPoint Slides E/S

These editable slides include Teacher's Guide notes and support for instruction. Also available as Google slides!

E/S = Available in English and Spanish

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



#### Digital Math Tools Powered by Desmos

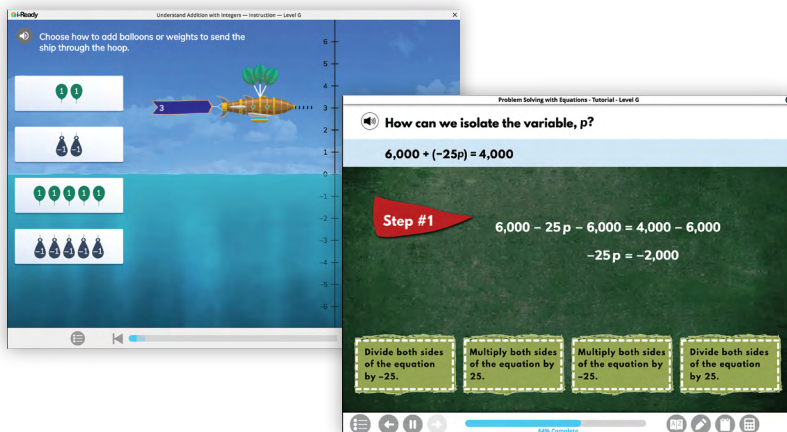
A full suite of virtual math manipulatives allows students to explore mathematical concepts using multiple models.



## 2 Teach:

### Interactive Tutorials E/S

are videos that engage students during whole class instruction.



## 3 Assess:

### Lesson Quizzes & Unit Assessments

evaluate student understanding of content through a variety of item types.

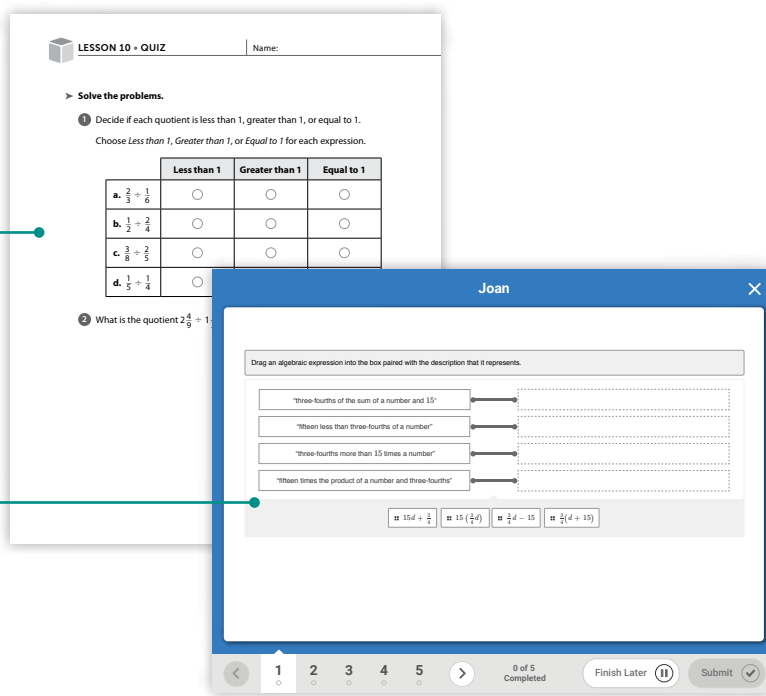
- Lesson Quizzes E/S

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

- Digital Assessments E/S

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

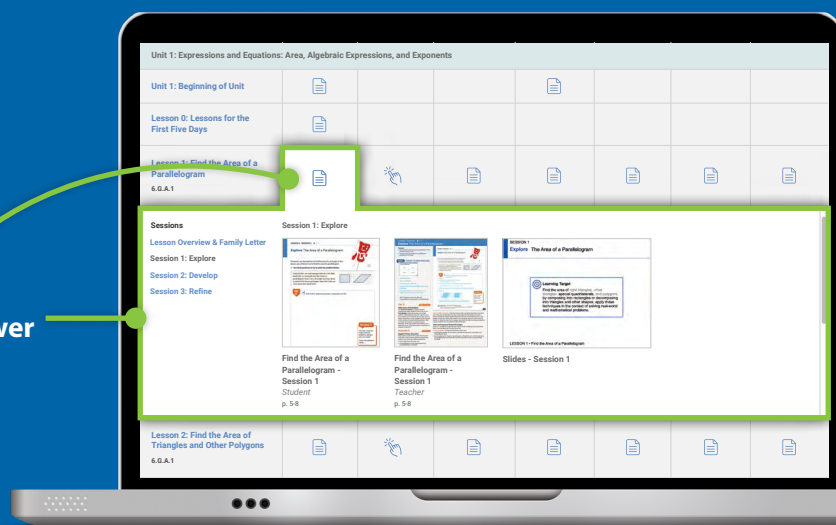
These are found in the Digital Assessment section. See [page 13](#) for more information.



## 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.



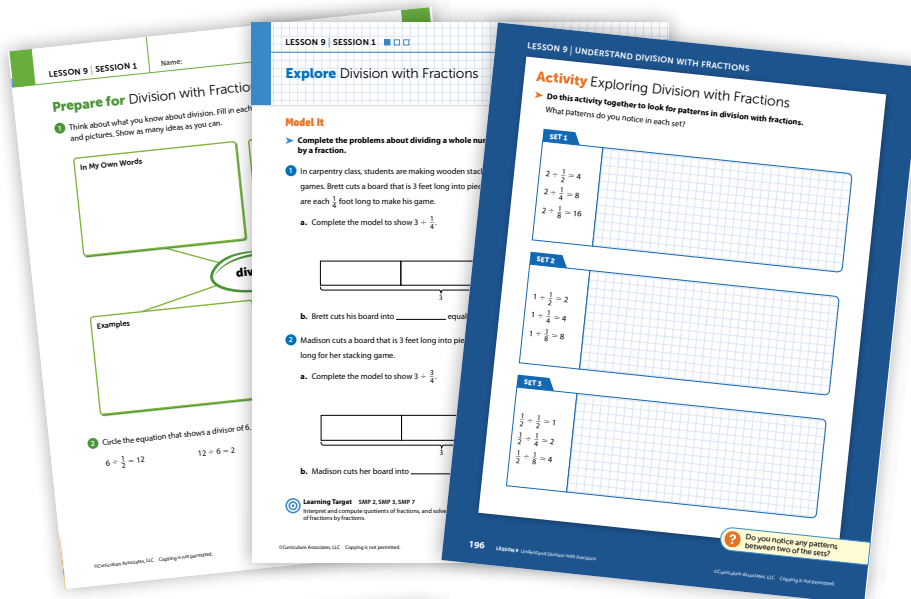
E/S = Available in English and Spanish

# D Classroom Resources, Cont'd.

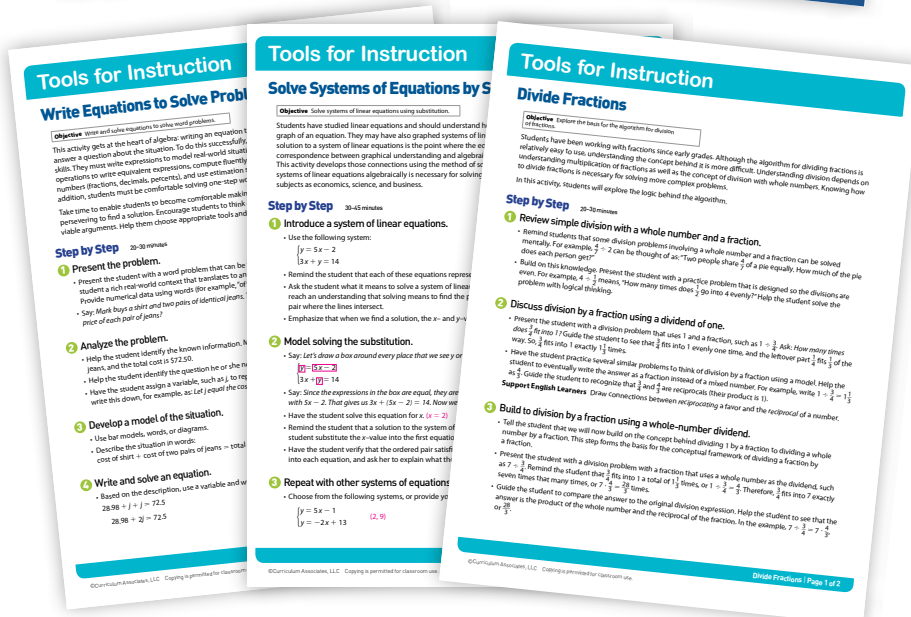
## Small Group Differentiation Columns 4–7

	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.

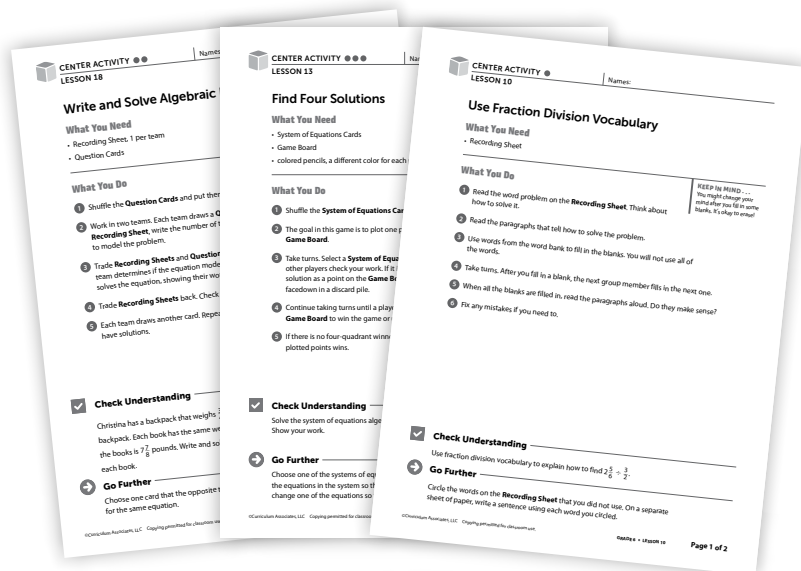


**E/S = Available in English and Spanish**

## 6 Reinforce:

### Math Center Activities E/S

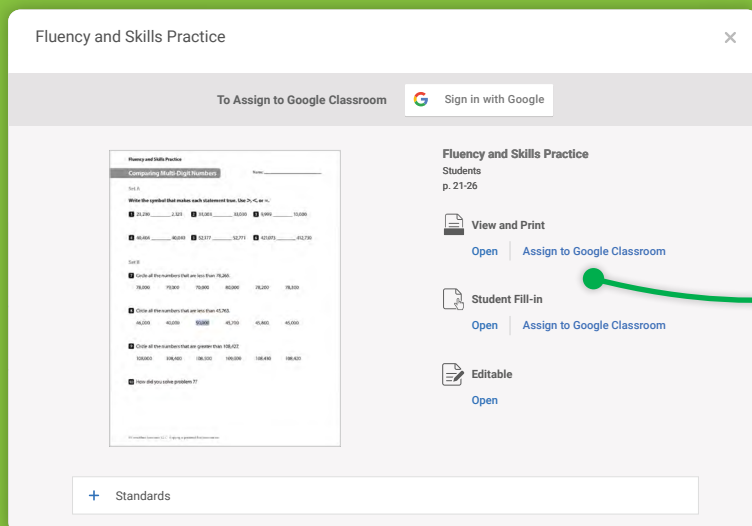
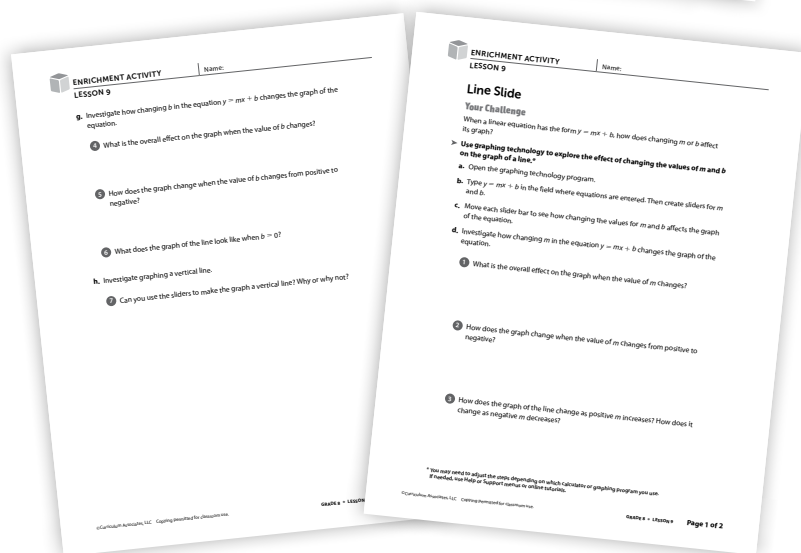
reinforce on-level skills through differentiated centers (On Level, Below Level, and Above Level).



## 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.



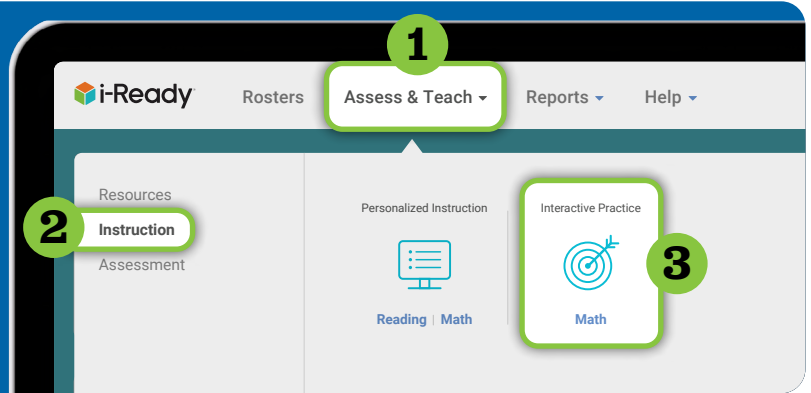
E/S = Available in English and Spanish



# Navigate to: Interactive Practice

Help students build understanding and fluency on the grade-level concepts they need support 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.



▶ Marta likes to make soup during the winter months. No matter how much soup she makes, she always freezes 32 ounces to save for later, then serves what's left.

▶ Which expression shows the amount of soup left when Marta makes 60 ounces?

▶ Write an expression to show the amount of soup Marta has left. Let  $s$  equal the number of ounces of soup Marta makes.

$s - 32$

$s - 32$

$+$   $-$   $\cdot$   $\div$   $($   $)$

**DONE**

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

▶ In a beanbag-toss game, players earn 2 points for each beanbag that lands on the game board and 5 points for each beanbag that lands in the hole. If a beanbag does not land on the board or in the hole, the player earns 0 points. Roopesh wants to know his total score after throwing 4 beanbags.

▶ Which expressions show the points Roopesh earns if 2 beanbags land on the board? Choose ALL that apply.

$2 + 2$   $2 \cdot 2$

▶ Which expressions show the points Roopesh earns if 2 beanbags land in the hole? Choose ALL that apply.

$5 + 5$   $5 \cdot 5$   
 $2 + 5$   $5 \cdot 2$

**DONE**

## Example of Grade 6 Interactive Practice: Multiple Select

**Interactive Practice**  
available for every lesson!





# Navigate to: Digital Assessment

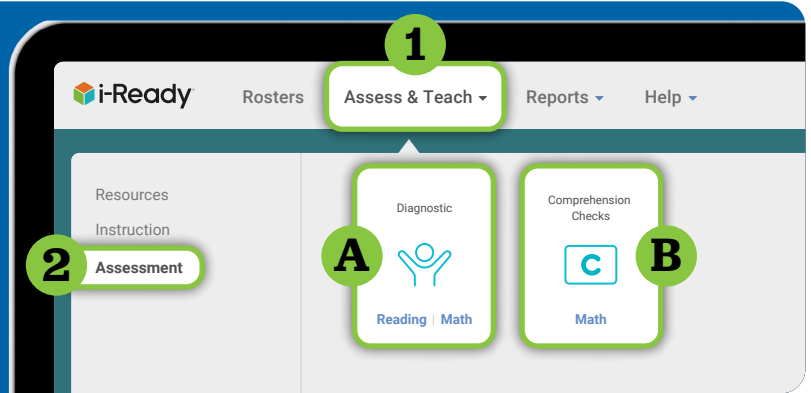
**Gain insights to inform instructional decisions using digital assessments.** Through this Assessment section, teachers can assign a variety of digital assessments to measure student learning and growth.

**1** Select **Assess & Teach**.

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

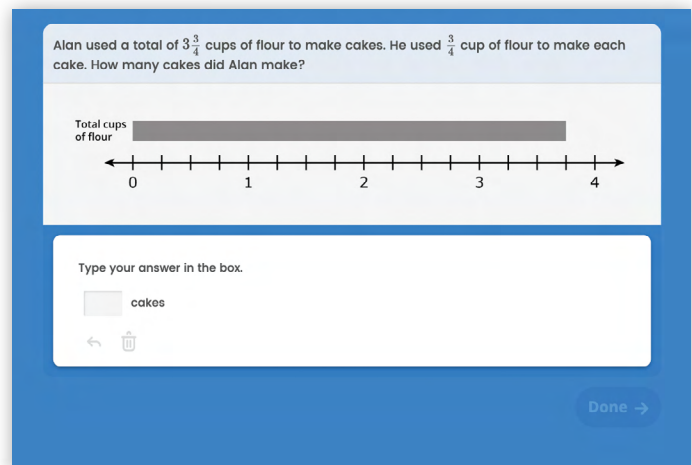
**A** Select **Math** below the *Diagnostic* icon. *OR*

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



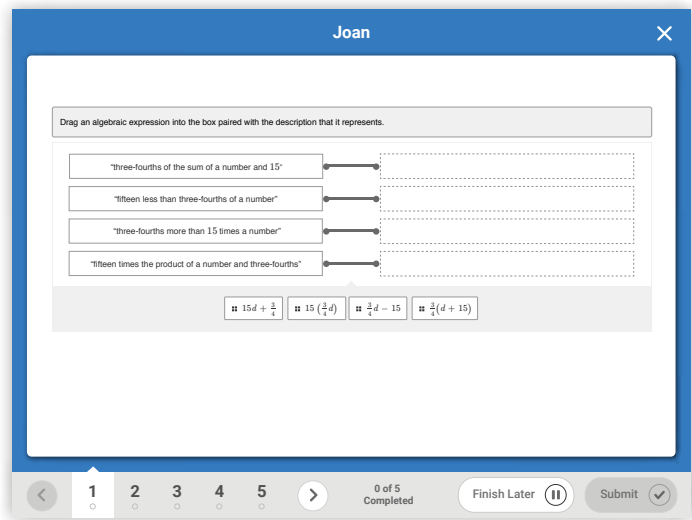
## **A** Diagnostic

The Diagnostic is an adaptive, online assessment that provides comprehensive insight into student learning and growth across all Grades K–12 skills. This assessment drives key reports, including the Grade-Level Planning (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

### Grade-Level Planning (Prerequisites) Report

Accelerate learning for all students by understanding each student's needs in relation to upcoming grade-level lessons in *i-Ready Classroom Mathematics* with the Grade-Level Planning (Prerequisites) report.

#### Learning Progression

Understand the coherence of standards across previous grade levels to help uncover students' prerequisite skills needs and accelerate their learning.

#### Whole Class Instruction

Gain better insight into class-level prerequisite needs with tips on how to maximize whole class, grade-level instruction in *i-Ready Classroom Mathematics*.

#### Small Group Instruction

Understand students' needs for prerequisite skills for *i-Ready Classroom Mathematics* lessons, and access embedded resources to address student needs from directly within the report.

Example of Grade 4 Report

## 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:

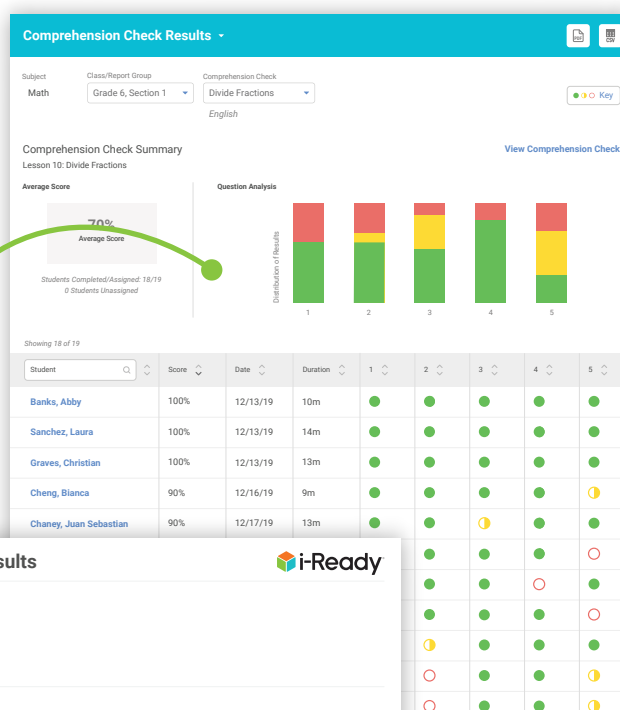
- Growth Mindset
- Confidence
- Productive Strategy
- Self-Regulation

<input type="checkbox"/> Not enough data <input type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High				
Name	Growth Mindset	Confidence	Productive Strategy	Self-Regulation
Aiden				
Bailey				
Camila				
Chloe				
Dylan				
Griffin				
Henry				
Huntley				
Jackson				
Kora				

## 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	Greater than 1	Equal to 1
1. $\frac{1}{2} \div \frac{1}{3}$	2. $\frac{3}{4} \div \frac{1}{2}$	3. $\frac{1}{2} \div \frac{1}{2}$

Correct answers:

1.  $\frac{1}{2} \div \frac{1}{3}$  2.  $\frac{3}{4} \div \frac{1}{2}$  3.  $\frac{1}{2} \div \frac{1}{2}$

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  $\frac{3}{4} \div \frac{1}{2}$  and/or  $\frac{1}{2} \div \frac{1}{2}$  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](https://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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[MyiReady](https://www.pinterest.com/MyiReady)