

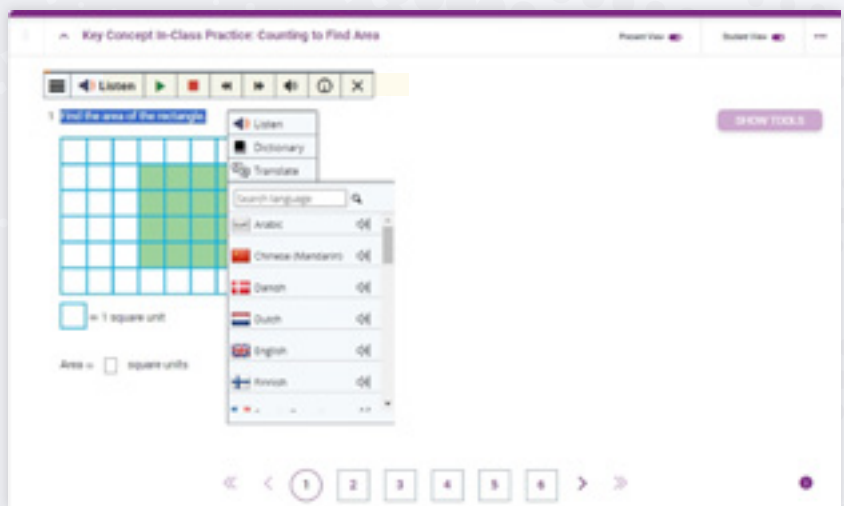


Multilingual Resources

Big Ideas Learning is committed to offering resources to ensure success for multilingual learners. *California Math & YOU* and *Concepts & Connections for California* offer students and educators a blend of print and digital resources for language support.

Digital Language Audio

In the digital experience, multi-language audio is available in 30 languages using **ReadSpeaker**. Learners and teachers are empowered with text-to-speech translation capabilities which enhance students' ability to comprehend mathematics vocabulary and instruction, while enabling teachers to better connect with their students. Text-to-speech developed by ReadSpeaker allows students to listen to text, using high-quality, natural-sounding voices. Students can use this technology on all devices (smartphone, computer, tablet, etc.).



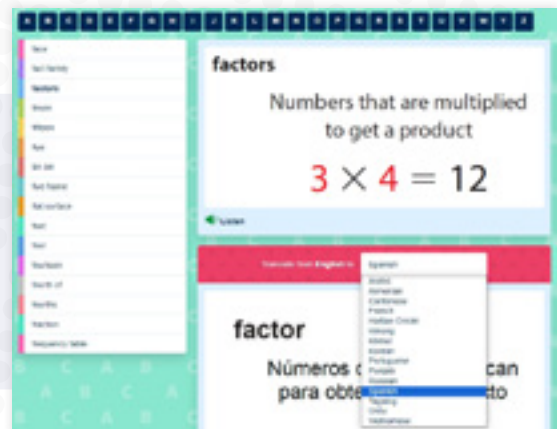
Audio translation for kindergarten through Algebra 2 is available using ReadSpeaker in the Big Ideas Learning digital experience for the following resources:

- **Big Idea of the Chapter**
- **Getting Ready for the Chapter***
- **In-Class Practice**
- **Practice**
- **Warm-Up**
- **Performance Task**
- **Connecting Big Ideas**
- **Skill Builder**
- **Skill Foundations**

*Grades 6–Algebra 2 only

At-Home

The **Multi-Language Glossary**, available in 16 languages, highlights key terminology to promote mathematical literacy. **Family Letters**, also available in 16 languages, help families make real-world and at-home connections to develop language and mathematical skills.



English Learner Support

California Math & YOU and *Concepts & Connections for California* provide targeted support for specific levels of English learners in every lesson, enabling them to connect with other students and with the math content. For teachers, **CA ELD Standards** are referenced at the beginning of every lesson, and the **EL Support** notes contain detailed and intentional support directly aligned to **California English Language Development Standards** guidelines.

California English Language Development Standards

4.P1.A.3 Offering and supporting opinions and negotiating with others in communicative exchanges

4.P2.B.4 Using nouns and noun phrases

EL Support notes also provide content-specific strategies for English learners to understand the chapter vocabulary. These notes offer pedagogical strategies for helping students work through these challenges while holding them to high expectations of learning.

EL English Learner Support

Constructing Mathematical Explanations

On the board, write the review words and the words *fifths*, *hundredths*, *tenths*, *thirds*, and *twelfths*. Ask EL students how many equal parts of a whole each word represents. For each word, have them complete and read aloud the statement “The word _____ represents _____ equal parts of a whole.”

EL English Learner Support Constructing Mathematical Explanations

Have students brainstorm words that can mean addition, such as *combine*, *join*, *and*, *altogether*, and *in all*. Help students explain how they used these words in the lesson.

Entering–Emerging: Ask students to look for addition words in the Connect to Real Life Example. Have them translate the words and discuss with a partner. Then ask, “What did you combine?” Have students point to show their answer. “Yes, you combined fractions of a cup. The sum tells you how many cups in all.”

Developing–Expanding: Have students look for addition words in the Connect to Real Life Example. “What did you combine? What does the sum tell you?” Provide the sentence frames “I combined _____ and _____. The sum tells me _____.”

Bridging–Reaching: Have students identify the addition words in one of the In-Class Practice exercises and explain how they used the words.



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