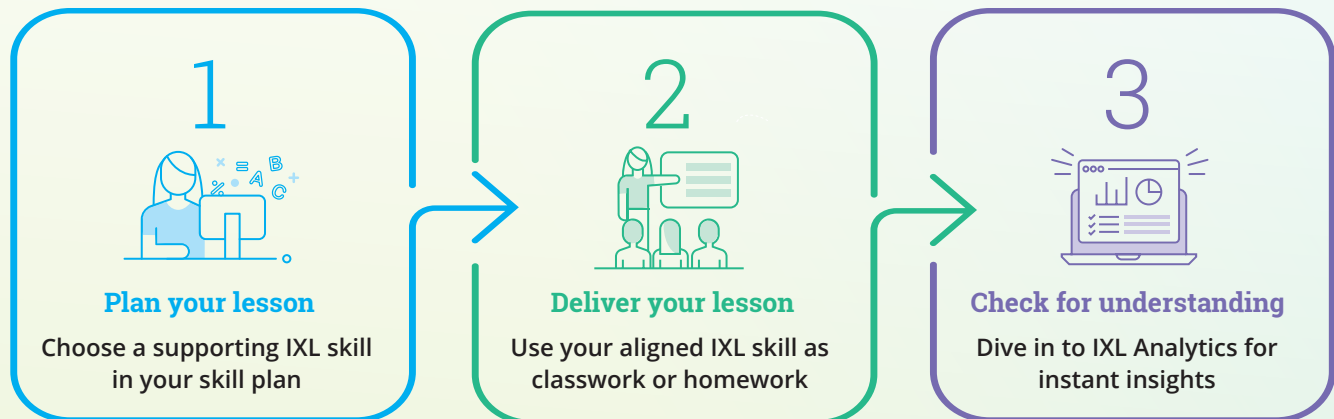


STEPS TO SUCCESSFUL IMPLEMENTATION

IXL skill plans take the guesswork out of lesson planning by providing the exact IXL skills that perfectly match your textbooks.



LET'S LOOK AT AN EXAMPLE LESSON TOGETHER

Imagine: You are introducing your class to decomposing fractions and will be using IXL to support the day's lesson.



1.

Plan your lesson

Find the right IXL skills

Review your lesson plan and the supporting skills in your IXL skill plan.

5		Module 5
Fraction Equivalence, Ordering, and Operations		
Topic A	Decomposition and Fraction Equivalence	<ul style="list-style-type: none"> 1. Decompose fractions into unit fractions 2. Decompose fractions 3. Decompose fractions multiple ways

Classwork skill

The first skill in this section introduces students to the concept by having them decompose fractions as unit fractions. This would be a great classwork skill for kicking off your lesson.

Homework skill

The second skill in this section builds on the first by having students decompose fractions with different numerators. This skill would be a good choice to assign for homework or as an enrichment activity.

2.

Deliver your lesson

Whole class instruction

Introduce the concept by working through questions from your classwork skill, as a group. Use IXL's explanations to model each step of the process for your students.

Individual or small-group work

Release students to keep working on your selected skill to deepen their understanding of the concept. Remember that every IXL skill is adaptive, and will guide students from simpler tasks to more complex problems.

Assign homework

Assign your homework skill through your learning management system or by clicking the star next to the skill. Students should work on this skill to a SmartScore of 80 (proficiency).

Explanation

Fill in the missing numbers to write $\frac{4}{5}$ as a sum of unit fractions.

$$\frac{4}{5} = \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5}$$

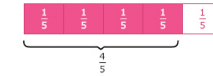


You answered:

$$\frac{4}{5} = \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5} + \frac{\quad}{5}$$

A **unit fraction** always has a numerator of 1.

This model represents a whole divided into 5 equal parts. Each part represents the unit fraction, $\frac{1}{5}$. Select 4 parts to represent the fraction $\frac{4}{5}$.

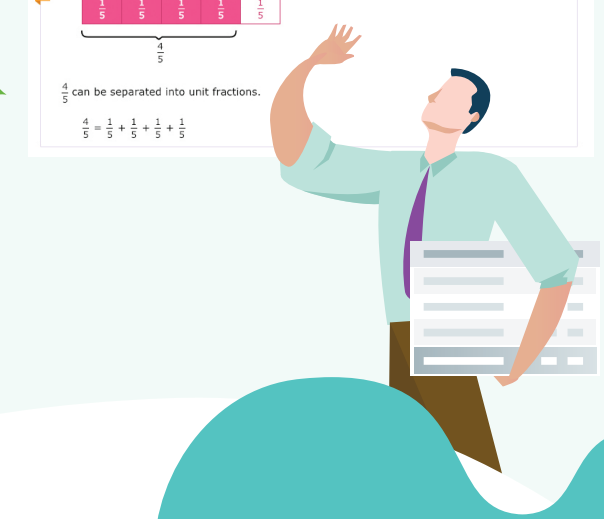


$\frac{4}{5}$ can be separated into unit fractions.

$$\frac{4}{5} = \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$$

★ 1. Decompose fractions into unit fractions

★ 2. Decompose fractions



3.

Check for understanding

Skill Score Chart

Use the Skill Score Chart to check for assignment completion. Students who have reached at least a SmartScore of 80 are proficient in the skill, while students below an 80 may need a little additional assistance.

SKILL SCORE CHART

SKILL: 4-Q.2 Decompose Fractions

Overview of your students' performance on 4-Q.2 - All time

Progress: 97%

- 32% Mastery
- 10% Excellence
- 55% Practiced
- 3% No practice

Scores

Viewing current skill mastery achieved for all time. [View full skill analysis](#)

NAME	SMARTSCORE	QUESTIONS ANSWERED	TIME SPENT	LAST PRACTICED
Gordon Alexander	97	15	6 min	January 14, 2019
Shakira Bass	100	28	24 min	January 15, 2019
Anne Behrens	58	3	3 min	January 14, 2019
Meredith Boyer	92	56	37 min	January 16, 2019
Molly Brady	98	31	30 min	January 16, 2019
Lucy Branch	76	15	10 min	January 15, 2019

Trouble Spots

Check out your Trouble Spots report for instant insights on students who might be struggling with the lesson. Use the groupings provided to form small groups for reteaching the next day in class.

TROUBLE SPOTS

STUDENT: All students

Ways to help 10 or more students at once...

4-N.2 Which customary unit is appropriate? 12

MISSED QUESTIONS FROM THIS ITEM TYPE

Write $\frac{7}{5}$ as a sum of five fractions.

$\frac{7}{5} = \frac{\square}{5} + \frac{\square}{5} + \frac{\square}{5} + \frac{\square}{5} + \frac{\square}{5}$

Buttons: $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{5}$, $\frac{4}{5}$, $\frac{5}{5}$

Submit

STUDENTS STUCK ON THIS ITEM TYPE

Shakira Bass	Alice Caldwell	Katie Cho	Scott Conway
Kylie Douglas	Stacy Garza	Owen Marquez	Nia Molina
Monique Morris	Alec Soto	Stephen Whitaker	Beth Wolfe

