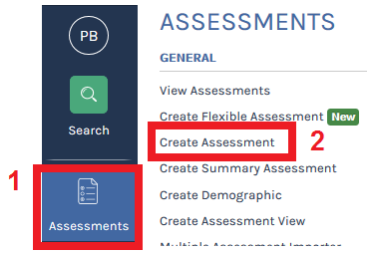


# Creating Assessments by Target



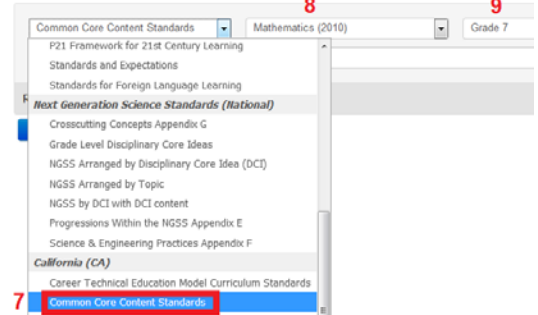
## Create a New Assessment

- On The Fly**  
 Do you have a printed multiple choice bubble sheet with the answers bubbled, but don't have time to fully setup your assessment details before test time? Select this option to scan your answer key now and quickly test your students. You can enter the assessment details later.
  - \* Enter the number of questions in your assessment
- Manual/Hybrid Assessment**  
 Do you have a PDF booklet and want to create an answer key in illuminate? Select this option and we will guide you through the steps of building an answer key that includes assessment details.
  - \* Enter the number of questions in your assessment
- Flexible Assessment** New  
 All the same functionality as Manual/Hybrid and more!
- Skills Assessment**  
 Do you want to test your students on simple letter, sound or word recognition using words or images? Select this option to build a one-on-one skills assessment.
- Itembank** 3  
 Do you want to create an assessment using your own items or by searching a bank of items? Select this option and we will guide you through the steps of building an assessment from a bank of items.

Hi there. What kind of content do you want to create?

- Assessment (Standard Mode)**  
 Choose this to create your own test. You can select from any of the available public items, use any of your personal items, or use any from the available item banks.
- Assessment (Quick Mode)** 4  
 This is the new approach to creating assessments. You will be able to select all the standards you want to test against. Furthermore, you will be able to set criteria for each selected standard. Questions will be auto generated based off the selected standards and set criteria.
- Item**  
 Choose this to create your own test question. You can create questions just for you, or you can share them with other teachers.
- Passage**  
 Choose this to create your own question Passage. Usually a Reading or Science Passage that precedes a group of questions on a test.

## Search for Standards



Use the Item Specifications document to identify standards specific to a given target:

**Claim 1: Concepts and Procedures**  
 Students can explain and apply mathematical concepts and carry out mathematical procedures with precision and fluency.

**Content Domain: Ratios and Proportional Relationships**

**Target A [m]:** Analyze proportional relationships and use them to solve real-world and mathematical problems. (DOK 2)

Tasks for this target will require students to identify and represent proportional relationships in various formats (tables, graphs, equations, diagrams, verbal descriptions) and interpret specific values in context. (See 7.G Target E for possible context.) Other tasks will require students to compute unit rates including those associated with ratios of fractions.

**Standards:** 7.RP.A, 7.RP.A.1, 7.RP.A.2, 7.RP.A.3

**7.RP.A.1 Analyze proportional relationships and use them to solve real-world and mathematical problems.**  
 7.RP.A.1 Compute unit rates associated with ratios of fractions,

▼ Common Core Content Standards

▼ Mathematics

▼ Grade 7 (407 Items)

▼ 7.RP - (407 Items)

▼ Ratios and Proportional Relationships (407 Items)

▼ Analyze proportional relationships and use them to solve real-world and mathematical problems. (407 Items)

Analyze proportional relationships and use them to solve real-world and mathematical problems.

7.RP.1 - (42 Items)  
 Compute unit rates associated with ratios of fractions, including ratios of lengths, areas and other quantities measured in like or different units.

7.RP.2 - (195 Items)  
 Recognize and represent proportional relationships between quantities.

**10 7.RP.2.a - (42 Items)** 10  
 Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.

7.RP.2.b - (62 Items)  
 Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.

7.RP.2.c - (36 Items)  
 Represent proportional relationships by equations.

7.RP.2.d - (34 Items)  
 Explain what a point  $(x, y)$  on the graph of a proportional relationship means in terms of the situation, with special attention to the points  $(0, 0)$  and  $(1, r)$  where  $r$  is the unit rate.

7.RP.3 - (213 Items)  
 Use proportional relationships to solve multistep ratio and percent problems.

Back Next 11

0 Items 1 Standards 0 Passages

Ignore exclusions, unless you intend to exclude items used in other tests

Step 3 (Optional) Selected Exclusions

Step 4 Generate Questions

12 Back Next

## Step 4: Generate Questions

Your quick assessment has no questions generated yet. Please click the button below to generate questions for ALL your selected standards.

13 Generate Questions for All Standards

Review the items that are suggested, make adjustments if necessary, and then publish when ready:

Creating a Quick Assessment - Verify Questions

Re-Generate All Questions Save Ready to Publish

Generated Questions for Selected Standards

7.RP.2.a (5 of 5 Questions Generated) Hide Questions Re-Generate Standards

7.RP.2.a » Grade 7 » Mathematics (2010) » Common Core Content Standards » California

Language: English Response Language: English

Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.

Question 1/5 Item In Use 3 Alternatives Spanish Re-Generate

**Teacher Instructions**

TEACHER READS:

Read the question to yourself and select the best answer(s).

Sara claims that the number of pages she has read in her book is proportional to the number of minutes that she has spent reading. She collects several data points to prove her claim and expresses the data points as  $(x, y)$  coordinate pairs.

Which of the following actions could Sara take to prove her claim? Select two that apply.

A Place the coordinate pairs in a table and show that they create equivalent ratios.

B Use the coordinate pairs to show that an equation of the form  $y = x + c$  can be written.