Mathshare

A BENETECH INITIATIVE

Solve math problems step by step

The Challenge of Learning Math

One in three students struggle with learning math. The challenge for many is working through multiple steps to solve problems. This can be difficult for students who struggle to organize their thinking or have learning differences. There are many online math tools, but none allow students to work on problems step by step. This makes it harder for students to develop critical problem solving skills and to demonstrate learning.

Making Math Easier Step by Step

Benetech Mathshare is an inclusive problem solving tool that makes learning easier. With Mathshare, students can break problems into parts, solve them step by step, and take notes to show their reasoning. This makes it easier for students to stay focused and for teachers to follow their students' thinking.

Create problem sets
Create and assign problem sets to students

Organize work into steps
Focus on solving individual steps

Show your work
Take notes and share solutions with teachers

Use on existing tools
Use on tools and platforms you already use

Accessible to all learners
Built in word highlighting, sketchpad, speech-to-text inputs and screen reader compatibility for students with learning differences

Join for FREE
Mathshare is free for all learners

mathshare.benetech.org

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Solve Math Problems Step by Step

My Steps

Step 1:	$7x - 13 = 1$	Solve for x	⊗ Clear all
Step 2:	$7x \cancel{-13+13} = 1 + 13$	move 13 to the right	✎
	$7x = 1 + 13$	(cleanup)	
Step 3:	$7x = \cancel{1+13}^{\,14}$	Combine	✎
	$7x = 14$	(cleanup)	
Step 4:	$\cancel{\dfrac{7x}{7}}^{\,x} = \cancel{\dfrac{14}{7}}^{\,2}$	Divide both side by 7	✎ 🗑
	$x = 2$	(cleanup)	

My Work

$x = 2$

Use the microphone button or type to explain your work (required) 🎤

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Third-Party Education Platform Integration

In addition to a stand-alone tool, Mathshare will integrate with other leading education platforms and learning management systems in order to support as many students as possible. Organizations interested in integrating with Mathshare should contact info@benetech.org for more details.

Google Classroom   canvas   Microsoft Teams   EdReady Powered by NROC

About Benetech

Benetech is a nonprofit that empowers communities with software for social good. Benetech's work transforms how people with disabilities read and learn, enables human rights defenders and civilians to pursue truth and justice, and connects people to the services they need to live and prosper. Benetech is constantly pursuing the next big social impact. Visit www.benetech.org.

mathshare.benetech.org

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