



# Whiteboard Guide

**Word Problems**

GO Solve® Word Problems is a program that teaches students to recognize mathematical situations in word problems, comprehend problems with the aid of graphic organizers, and plan solutions with addition, subtraction, multiplication, and division.

The program includes instruction and practice. A teacher can use an interactive whiteboard to introduce each topic and engage the class in a guided practice activity. Students then use the program for independent practice. The performance reports may guide teachers to review particular concepts with the whole class or small groups.

Modules: Addition & Subtraction (grades 3-4), Multiplication & Division (grades 4-5), Advanced Multiplication & Division (grades 5-6).

**Note:** The modules are also appropriate in the middle school grades for students in need of remediation.

**Grades 3–8**

Instructional Focus

MATH

- Problem solving
- Communication and representation
- Numbers and operations

When the class does this:	Use this whiteboard feature (as logged in teacher):
Gets introduced to the program for the first time	<ul style="list-style-type: none"> <li> Project the Introduction animation</li> <li> Have a class discussion about the program’s purpose</li> </ul>
Starts the first tutorial <i>Repeat for later tutorials if desired</i>	<ul style="list-style-type: none"> <li> Distribute the GO Pad sheets for student work on paper</li> <li> Project the tutorial animation</li> <li> Invite 1-2 students to complete guided practice activities at the board while the class completes them on paper</li> <li> Have a class discussion about the new concepts</li> </ul>
Gets ready to use program for independent practice	<ul style="list-style-type: none"> <li> Project the software and model the use of independent practice</li> </ul>
Uses print resources to extend the program <i>handouts and answer keys for each activity, a variety of blank graphic organizers</i>	<ul style="list-style-type: none"> <li> Project the PDF resources on the whiteboard to model their usage and guide the extension activities</li> <li> Use whiteboard tools (spotlight, zoom, marker) to discuss and clarify handouts</li> </ul>
Additional alternative use in whole class: Have all students solve the same “Do Now” word problem at beginning of math time	<ul style="list-style-type: none"> <li> Project the software and go to mixed practice to find a desirable problem</li> <li> Invite students to share answers and explain solutions</li> </ul>