

Addition or Subtraction Representations

Math, Grades K-2

Assignment Objectives

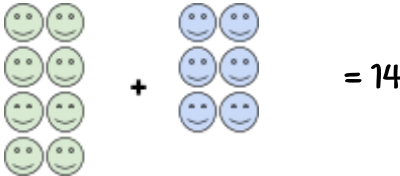
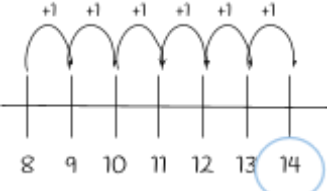

- Students will work with a Paper Tutor in a Live Help session to represent addition or subtraction.
- Students will deepen their understanding of the standard by reflecting on feedback from Paper Tutor.

Teacher Instructions

- Teachers will provide students with an addition or subtraction expression.
- Students will represent the expression in a variety of ways with the support of a Paper Tutor using Live Help.
- After students finish, they will write some of the feedback from the Paper Tutor, and reflect on their understanding.

Ways to use this resource in the classroom or as homework

- Daily Number Talk Warm Up for math lesson
- Assign multiple problems to be completed at home
- Have students complete a question a day as part of a stations menu board
- Small Group challenge to represent math expression
- Substitute Lesson Plans - Just give students expression to work on!
- Easily differentiate questions for student to receive individualized feedback
- So Many More - Share how you use it in your classroom with us! #HowWePaper

<p>Expression</p> <p>8+6</p>	<p>Picture</p> <p>Model #1</p> 	<p>Model #2</p> <p>Make 10</p> <p>8+6 = ? 2+4 = 6</p> <p>8+2 = 10</p> <p>10+4 = 14</p>
	<p>Number Line</p> <p>Model #3</p> 	<p>Feedback From Tutor - How did you do?</p> <p>My tutor was helpful. He said I did a great job with my picture and when I counted on with my number line. He helped me a lot with my "Make 10" addition because I first was getting stuck on how to break apart 6 to make a 10!</p> 

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Addition or Subtraction Representation

Student Instructions

You will work with a Paper Tutor using Live Help to represent addition and subtraction problems in different ways.

1. Write the expression given by your teacher in the "Expression" box.
2. Log on to Paper and start a Live Help session with a Math Tutor.
3. Start a conversation by typing in the problem, uploading a picture of the problem, or draw it out on the Whiteboard feature. You will chat with your tutor and explain why you think the model made is an accurate representation, and write or draw a different model in each "Model" box.
4. Write helpful feedback from your Paper Tutor in the last box and rate your understanding!

Model Examples: Pictures, Tally Marks, Make 10, Number Line, Counting On/Back, Commutative Property, etc.

Expression	Model #1	Model #2
	Model #3	Feedback From Tutor - How did you do?