Graspable Math with Geogebra

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Graspable Math

- Mathematical equations and expressions
 Mathematical equations and Graspable Math
- Graspable—they are objects you can see and touch and move.
- In Graspable Math, expressions are transformed by simple gestures that resemble actually physical interactions





Graspable Math

- Expressions can be dragged across the interface and expanded to reveal factors.
- Numbers can be split open with simple swipes and canceled out with diagonal lines.
- The user can moves an expression from one position ("Here") to another goal position ("There").
- Users discover operational laws and algebraic malleability
- Following mathematical rules and algebraic notation
- Allowing the students to access to the power and beauty of the Mathematical structure

Graspable Math is a google chrome add on

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NEW!

Graspable Math Activities BETA

Assign algebra tasks to your students and see live feedback of their step-by-step work. Discover, create, and share engaging math activities for 4th to 12th graders.



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Learn More

Explore algebra online. Move terms fluently to solve equations and explore the power of algebra without the frustration – for free! 8 + 4x + 3Explore Algebra!

Step 5 :click explore algebra green button to use the Graspable math side bar





v2.22.5 🔻





Integration of Graspable Math with Geogebra

201+1=4

201 = 9-1



A Dynamic Algebra Notation





Step 2 type the Math expressions and click done





Inserting Geogebra graphing calculator

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🧩 Graspable Math

Finding and verifying the solution for given equations

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Step I type the Math expressions and click done

Finding and verifying the solution for given equations



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Saving the file

Sharing options

Sharing options

