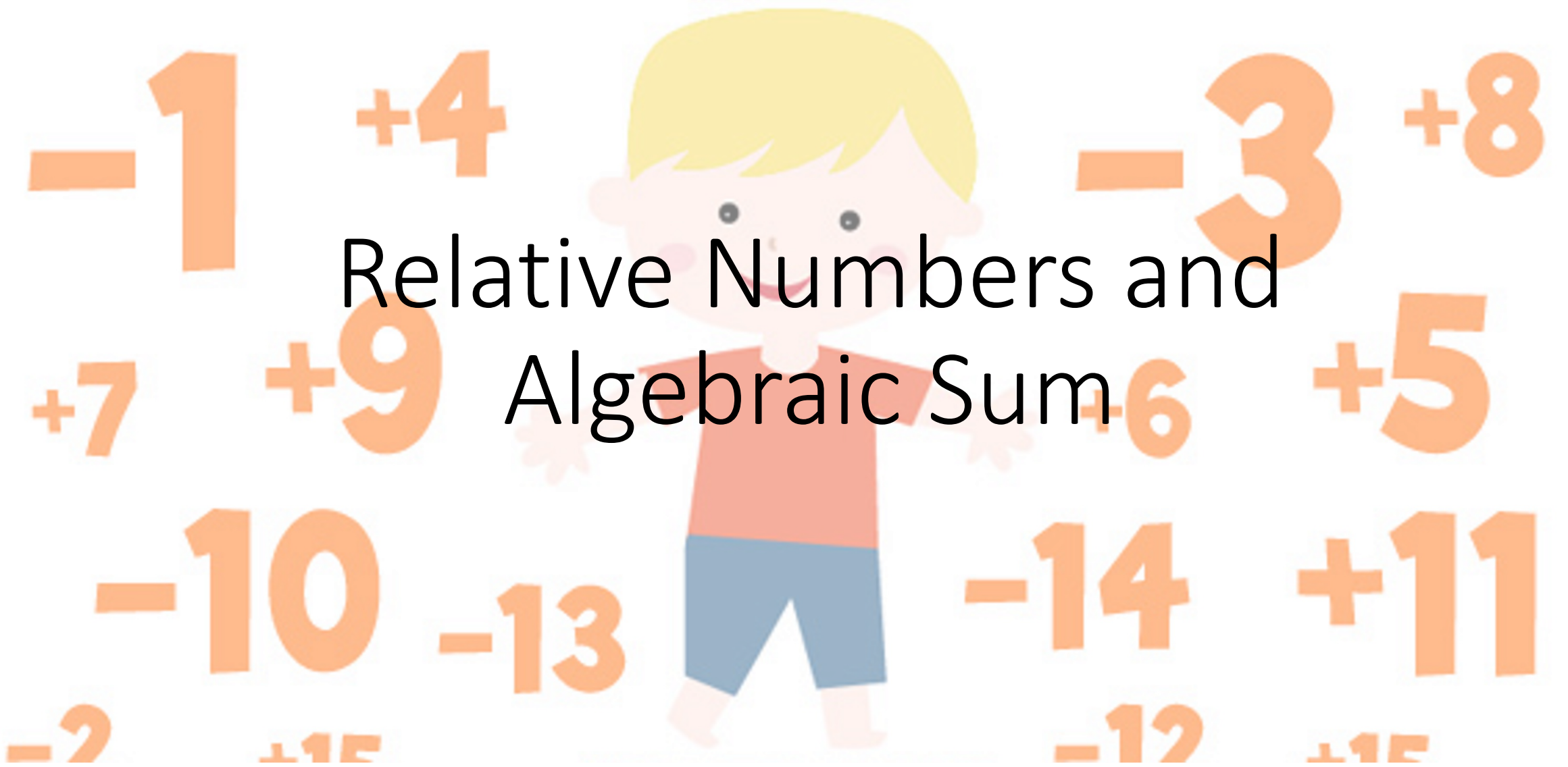


Relative Numbers and Algebraic Sum



Early Algebra and Relative Number

- Interrogate teachers' instruction
- Interrogate web applications
- Make your own proposal

QUADERNO n.9

A cura di:
Giancarlo Navarra
Salvatore Sini

Revisione di Nicolina A. Malara

Approccio ai numeri relativi dalla quarta primaria alla prima secondaria. Tracce di lavoro

Terza versione



- A web application, often called a "web app," is a software program or application accessed and used through a web browser over the internet. Unlike traditional desktop applications installed on a user's computer, web applications run on remote servers and are delivered to users through a web browser.
- They are typically built using web technologies like HTML, CSS, and JavaScript and may interact with server-side technologies and databases to store and retrieve data. Users can access web applications on various devices with internet connectivity, making them versatile and accessible.

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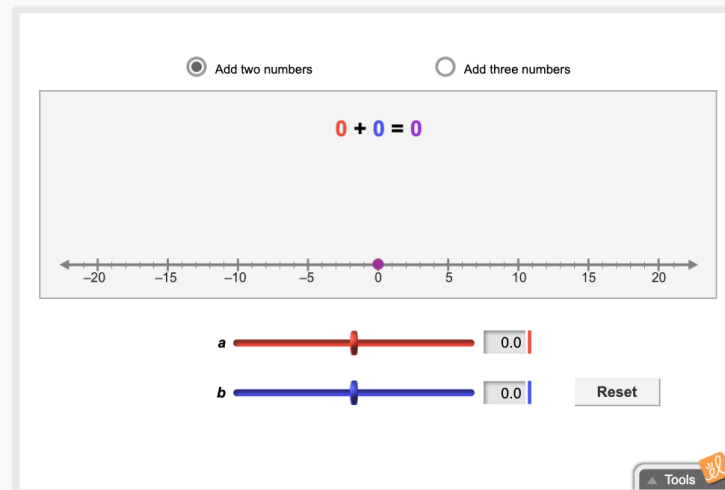
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Adding on the Number Line

Go to Lesson Info 

Extend Your Gizmo Pass ▾ 4:50



[-https://gizmos.explorelearning.com/find-gizmos/launch-gizmo?resourceId=95](https://gizmos.explorelearning.com/find-gizmos/launch-gizmo?resourceId=95)

Geogebra

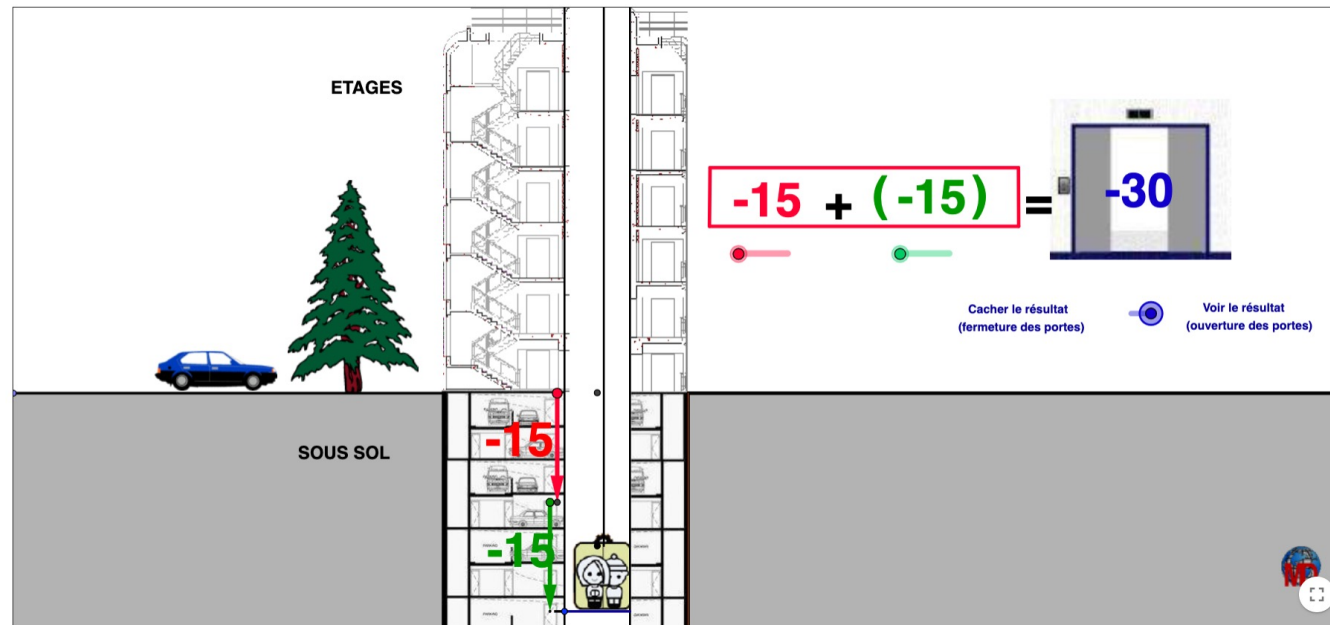
≡ GeoGebra

Sum of two relative numbers

Author: Daniel Mentrad

Topic: Arithmetic, Numbers

My old 2009 file updated



The diagram illustrates a building with two levels: "ETAGES" (floors) above ground and "SOUS SOL" (basement) below ground. A car and a tree are shown on the ground level. A red arrow indicates a descent of 15 units from the ground to the first basement level, labeled "-15". A green arrow indicates a further descent of 15 units to the second basement level, labeled "-15". To the right, a math problem is displayed: $-15 + (-15) = -30$. Below the equation are two radio buttons: "Cacher le résultat (fermeture des portes)" (selected) and "Voir le résultat (ouverture des portes)".

<https://www.geogebra.org/m/hse9wc3w>

Desmos


Schermate

Anteprima studente


Riscaldamento

1 Warm-Up

1. Make a true inequality by dragging the



$\square \cdot \square < \square \cdot \square$



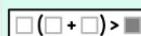
f(x)

Attività 1


2 Greater Than Zero

Make a true inequality by dragging the cards.

Then press



$\square (\square + \square) > \square$



f(x)

3 Puzzle #1

Here is what you created on the previous screen.



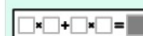
$\square (\square + \square) = \square$




f(x)

4 Puzzle #2

1. Make an expression with the greatest



$\square \cdot \square + \square \cdot \square = \square$



f(x)

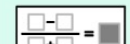
5 A Hint for Kiri




$\square + \square = \square$

6 Puzzle #3

1. Make an expression with the greatest



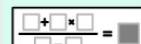
$\square - \square = \square$



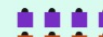
f(x)

7 Puzzle #4

1. Make an expression with the greatest



$\square + \square \cdot \square = \square$

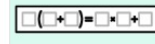


f(x)


8 Are You Ready for More?

Solve this puzzle in as many different ways as you can.

On paper, record



$\square (\square \cdot \square) = \square \cdot \square$




f(x)


Riepilogo

9 Lesson Synthesis

Describe something you learned today



$\square + \square = \square$



f(x)

Spazio

10 Conclusion


Determine an expression



$\square + \square = \square$

11

This is the math we wanted you to understand:

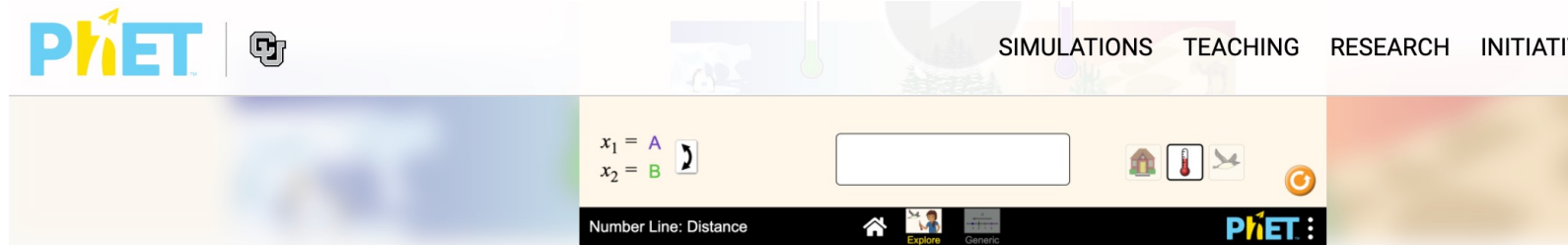


- I can add, subtract.



<https://teacher.desmos.com/activitybuilder/custom/5f1aef204f0d9708e294e462?lang=it&collections=5f8a43db06b0d9a8bd84c3cf%2C5f8a446e06b0d9a8bd84c3dd>

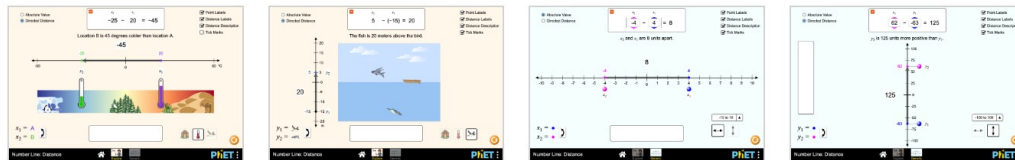
Phet



Number Line: Distance



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Topics

- Number Line
- Integers

<https://phet.colorado.edu/en/simulations/number-line-distance>

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