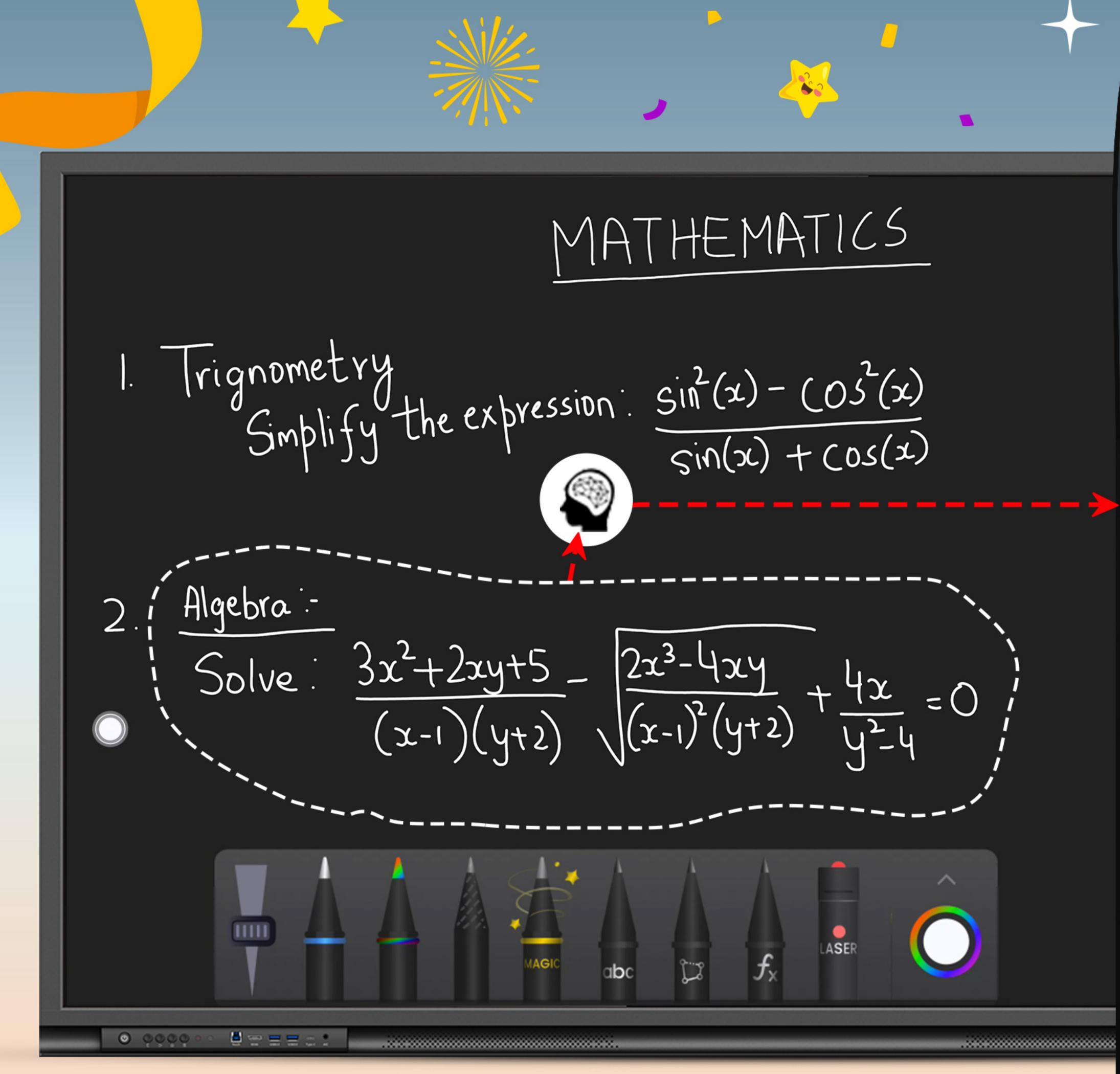




INDIA'S FIRST GPT BASED WHITEBOARD SOFTWARE



Discover the future with Newline Canvas: Al-powered whiteboarding driven by GPT and handwriting recognition. Seamlessly solve equations, chemical reactions, and more in Math, Chemistry, Physics, and beyond.

Say Goodbye to static brainstorming and welcome dynamic collaboration like never before.

Explanation

To solve the given equation, we need to follow these steps:

 Simplify the given equation by expanding the terms and combining like terms.

2. Get rid of the square root by squaring both sides of the equation.

3. Multiply both sides by the common denominator to clear the fractions.
4. Rearrange the equation to isolate the variable terms on one side and the constant terms on the other side.
5. Solve for the variable by factoring or using other algebraic techniques.

By following these steps, we can find the values of x and y that satisfy the given equation.

Solve

Solve for x

To solve the given equation, we will follow these steps:

1. Simplify the given equation.

2. Factorize the equation.

3. Set each factor to zero and solve for x.

Given equation:

 $\frac{3x^2 + 2xy + 5}{(x-1)(y+2)} - \sqrt{\frac{2x^3 - 4xy}{(x-1)^2(y+2)}} + \frac{4x}{x^2 - 4} = 0$

1. Simplify the equation:

 $egin{aligned} rac{3 x^2 + 2 x y + 5}{(x - 1)(y + 2)} - \sqrt{rac{2 x^3 - 4 x y}{(x - 1)^2 (y + 2)}} + rac{4 x}{y^2 - 4} = 0 \ rac{3 x^2 + 2 x y + 5}{(x - 1)(y + 2)} - rac{\sqrt{2 x^3 - 4 x y}}{\sqrt{(x - 1)^2 (y + 2)}} + rac{4 x}{y^2 - 4} = 0 \ rac{3 x^2 + 2 x y + 5}{(x - 1)(y + 2)} - rac{\sqrt{2 x^3 - 4 x y}}{|x - 1|\sqrt{y + 2}} + rac{4 x}{y^2 - 4} = 0 \end{aligned}$

2. Factorize the equation:

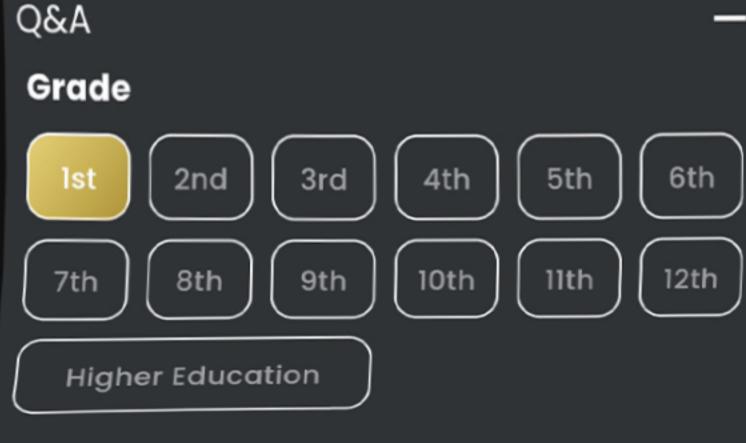
 $3x^2 + 2xy + 5 - \sqrt{2x^3 - 4xy}|x - 1| + 4x(y + 2) = 0$

3. Set each factor to zero and solve for x:

 $3x^{2} + 2xy + 5 = 0$ $2x^{3} - 4xy = 0$

4x = 0

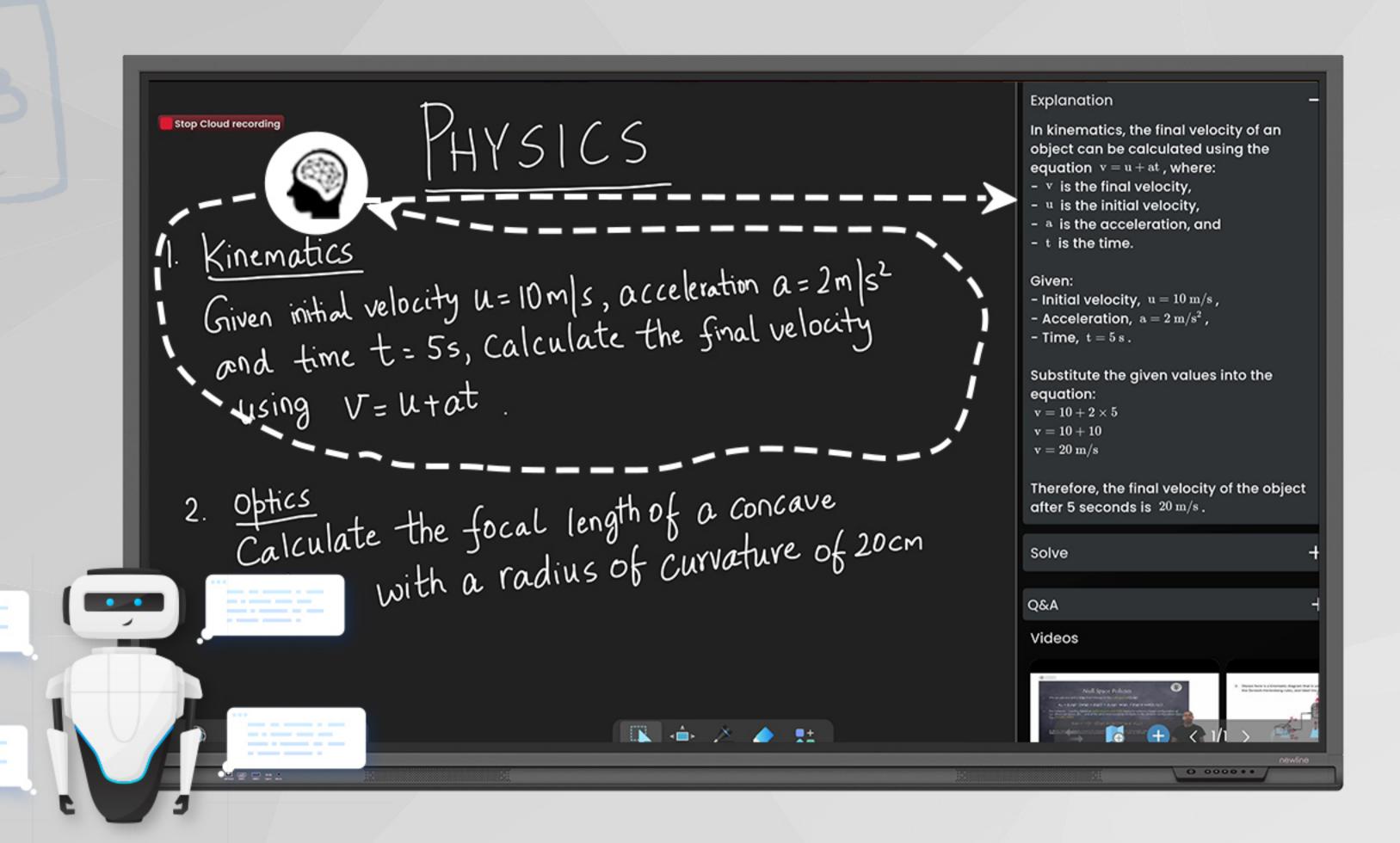
Solving these equations will give us the values of x.



Level



Understand



Interactive Whiteboard

Experience the pinnacle of whiteboarding and annotation software, (Powered by GPT) where innovation meets intuitive design, revolutionizing the way ideas are expressed and shared in classrooms.

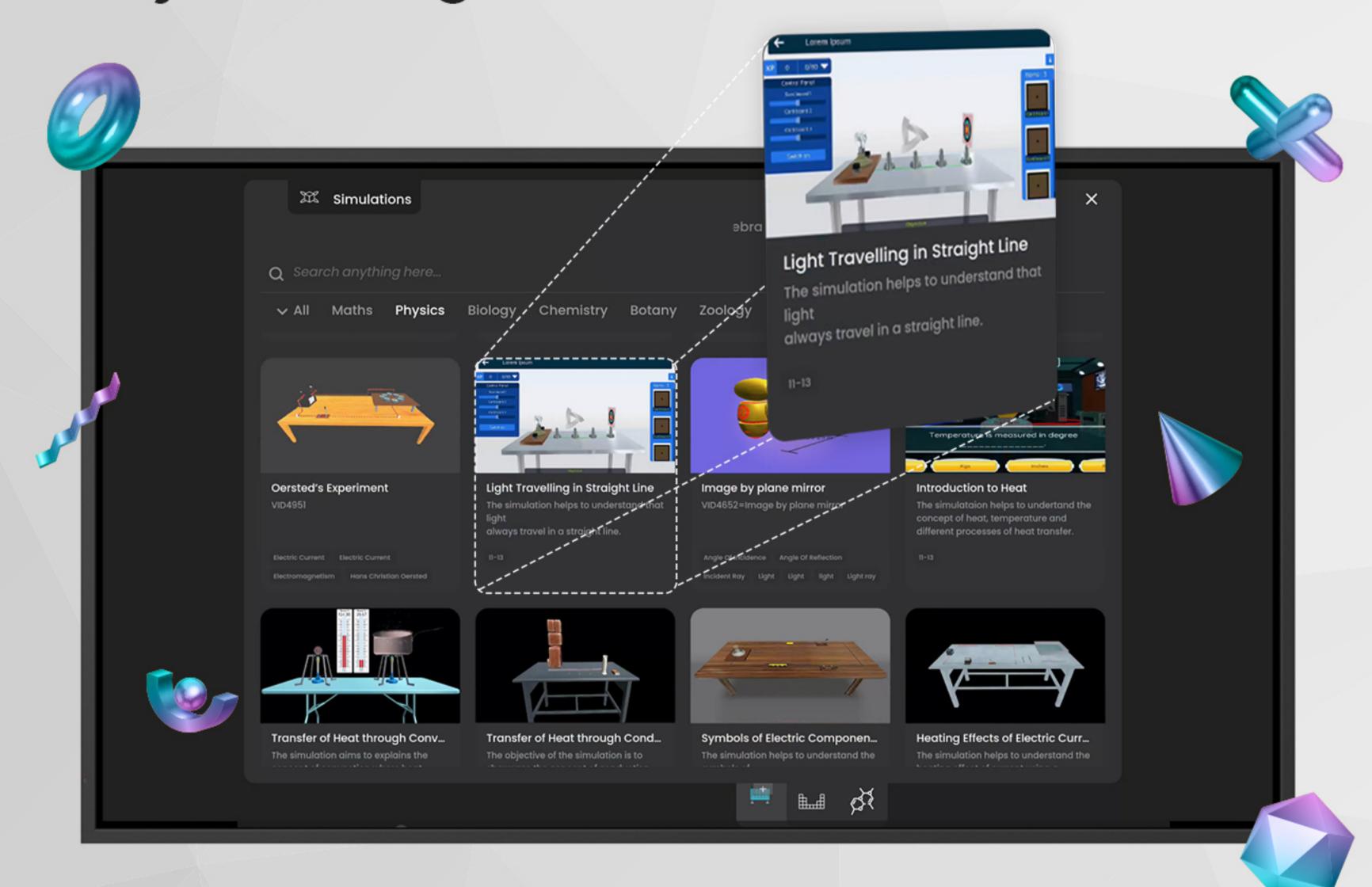
Al Pen: Intelligent Content Creation

Experience content creation like never before with AI-powered recognition of shapes, images, text, and handwriting. Engage your audience with smarter, more captivating presentations (Includes Smooth pen, Rainbow pen, Dotted line pen, Magic pen, Handwriting recognition pen, Shape recognition pen, Math recognition pen, Laser pen).

Effective Handwriting Recognition

Transform handwritten notes into digital text effortlessly, ensuring clear and legible content across a wide range of languages.

Supporting over 194 international languages with more than 15 vernacular languages like Hindi, Tamil, Telugu, Marathi, Punjabi, Gujarati, Bengali etc.



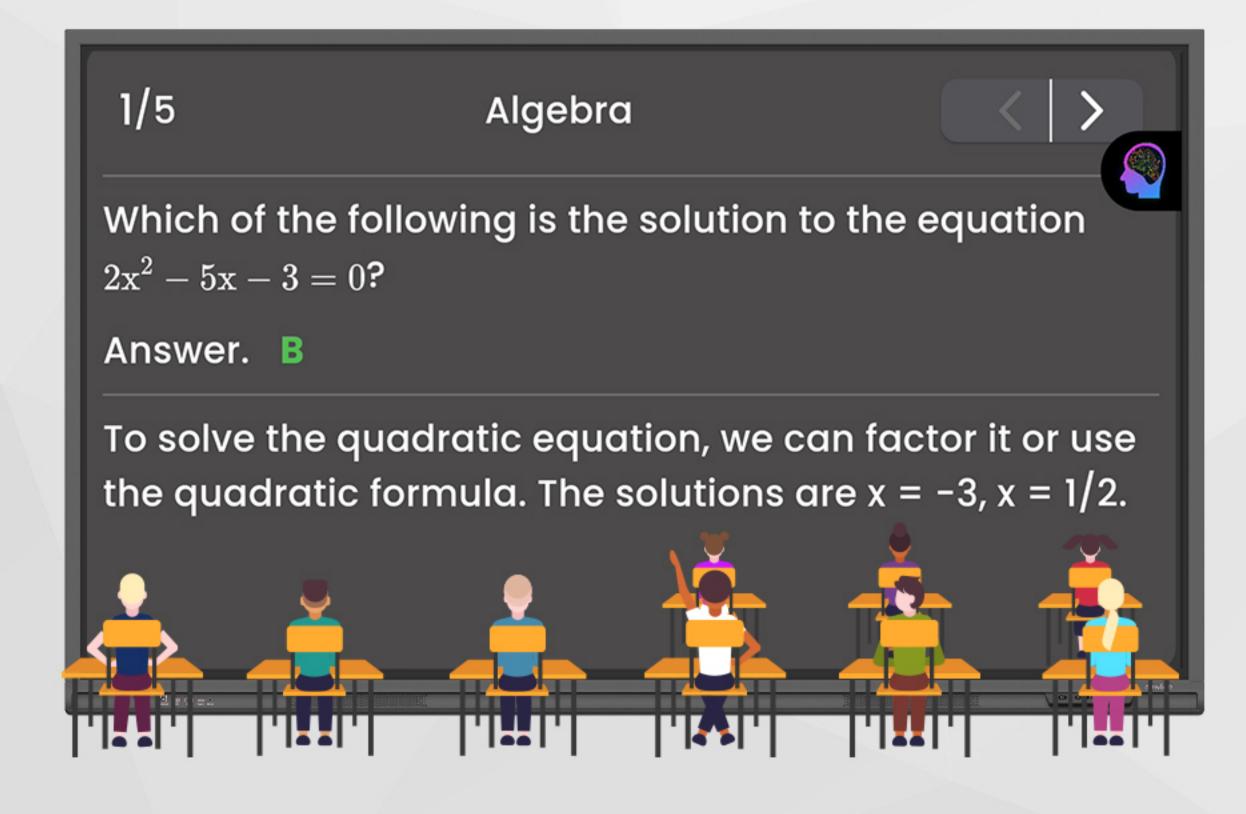
3D Simulation Video Library

Enhance your lessons with a vast library of resources covering all subjects like Maths, Physics, Chemistry, Botany, Zoology etc. A repository of 3000 videos, 1000 simulations, 20K 3D models, and Geogebra Math Tools are seamlessly integrated in the platform for these subjects.

Engaging Assessments

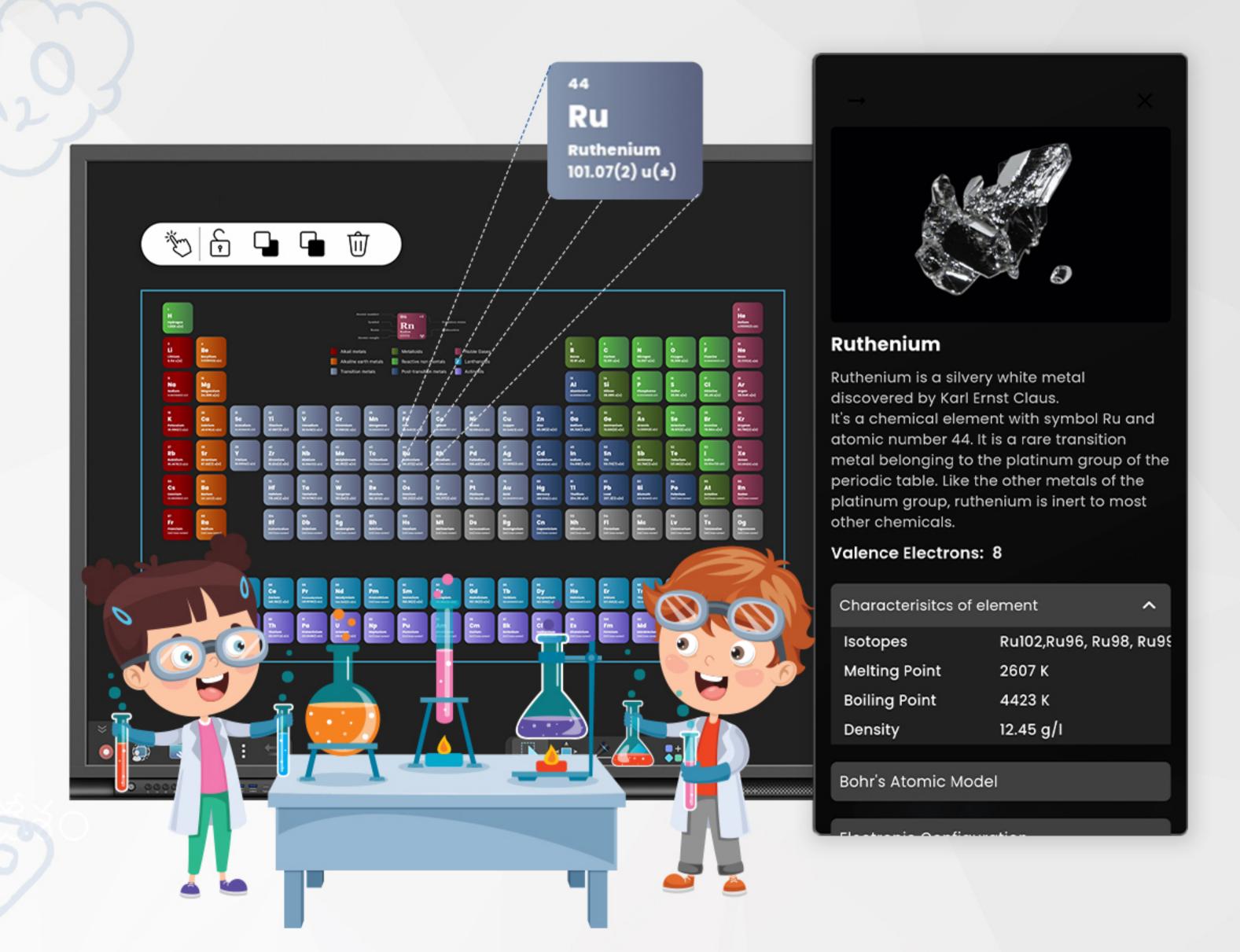
Foster active learning and assess student comprehension with interactive quizzes and assessments, encouraging participation and understanding.





Infinity Canvas

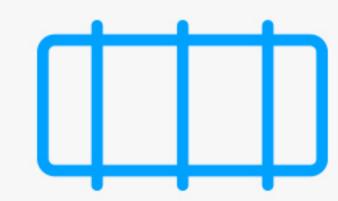
Unleash creativity without boundaries, extending beyond canvas edges for unlimited exploration.





Interactive Periodic Table

Dive into the world of chemistry with our interactive periodic table, featuring clickable elements for detailed information retrieval and access to 3D atomic models, enriching your lessons with immersive visuals.



Screen Splitting

Maximize productivity and collaboration with screen splitting functionality, enabling simultaneous collaboration across multiple screens for enhanced teamwork.



Real-time Collaboration

Foster teamwork and creativity with real-time collaboration features, enabling seamless interaction among students and educators, promoting active engagement and learning.



Customizable Interface

Tailor the interface to suit your classroom's specific needs, ensuring a personalized and intuitive user experience for both educators and students.



Seamless Compatibility

Enjoy seamless compatibility across









Windows

Android

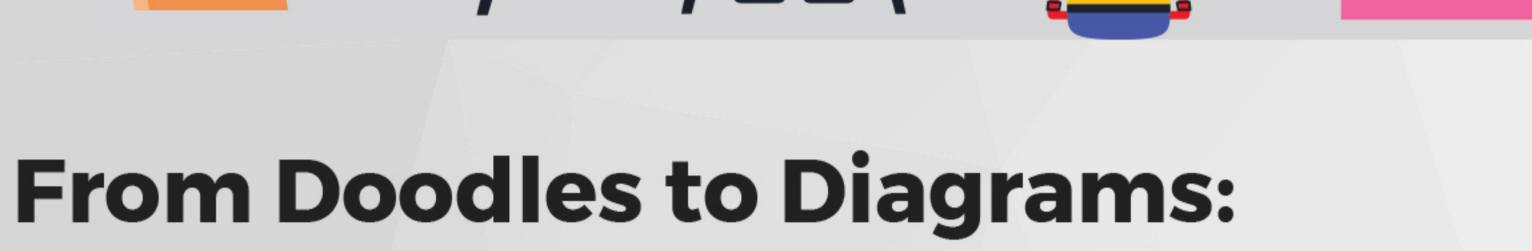
iOS

Web Platform



Shapes Wizard: Advanced Shapes @your finger tips

Create custom shapes with ease, allowing for flexible design options and saving for future use, empowering educators to craft visually engaging content tailored to their lessons.



Effortlessly convert freehand sketches into clear diagrams, enhancing clarity and readability of user-generated content for effective communication and understanding.

Effortless Flowchart Conversion



Unlock the full potential of collaboration and creativity with Newline Canvas.

A platform where innovation meets intelligence, bringing ideas to life like never before. Discover a new era of collaboration today. (Powered By GPT)

newine

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