

Orientation Programme of State Resource Groups (SRGs) on Development of **eContents for DIKSHA**



Phase 1
15th -19th September, 2025

Phase 2
13th -17th October, 2025



Graphing



Scientific



Four
Function



Matrix



Geometry



3D

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Date-18th September, 2025

-Using Desmos for Visualizing Accountancy Concepts



Session Overview

- **Need for Desmos in Modern Classrooms**
- **Introduction to Desmos**
- **Features of Desmos for Teaching**
- **Applying Desmos in Accountancy**
- **Live Demonstration: Desmos in Action**
- **Hands-on Practice**

-Using Desmos for Visualizing Accountancy Concepts
Need for Desmos in Modern Classrooms



Desmos



Helps

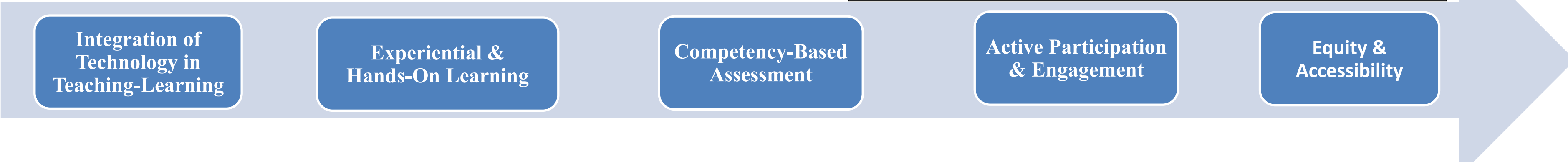
- Interact with real-time data
- Replace chalk-and-talk with dynamic graphs, sliders and simulations

- Experiment with variables
- Instant feedback

Application of concepts

Discussion, prediction and exploration

- Free to use, no license fees.
- Runs on any browser or mobile app.

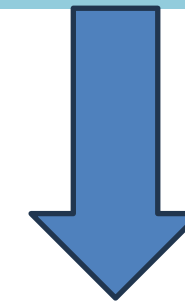


-Using Desmos for Visualizing Accountancy Concepts



- Type of site:** Online graphing calculator (also mobile app).
- Owner:** Desmos Studio PBC.
- Founded:** 2011 by *Eli Luberoff* (Math & Physics, Yale University).
- Programming:** TypeScript, JavaScript, HTML, CSS.

Additional Tools Offered



Graphing



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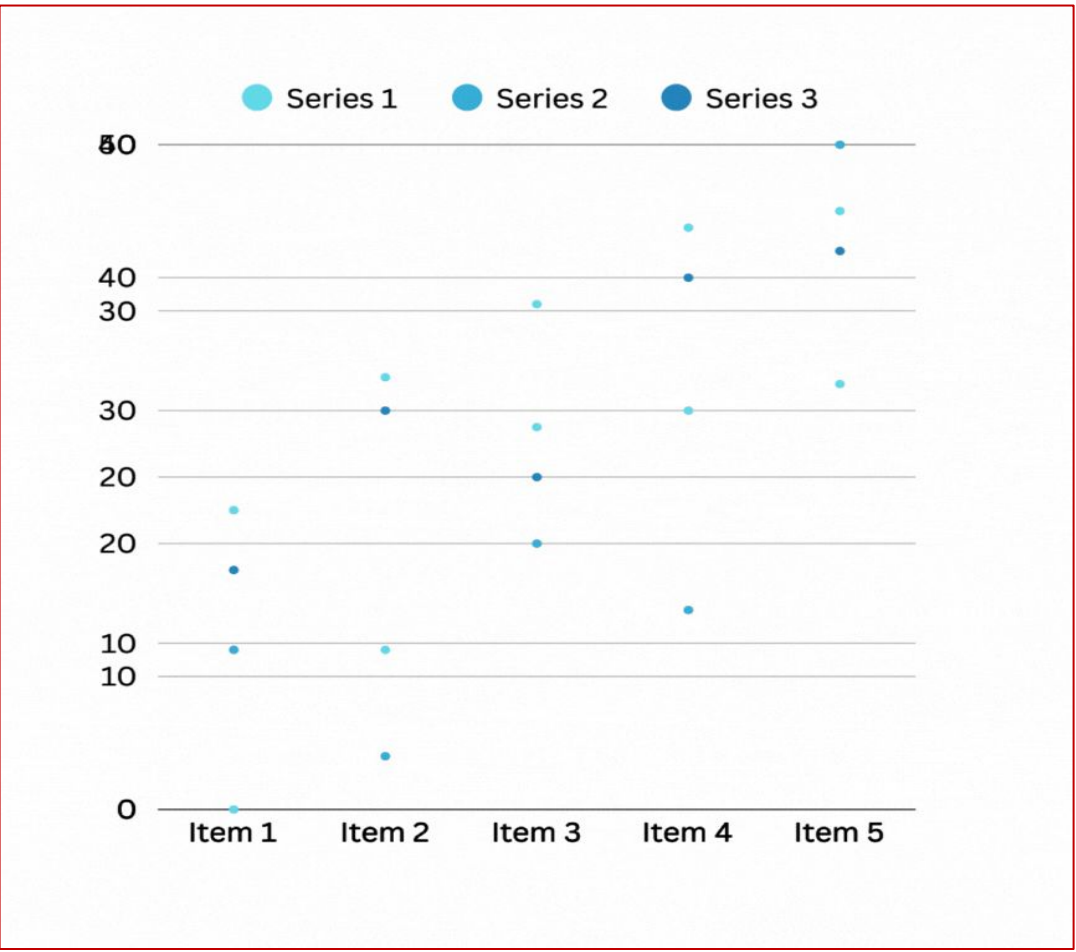


3D

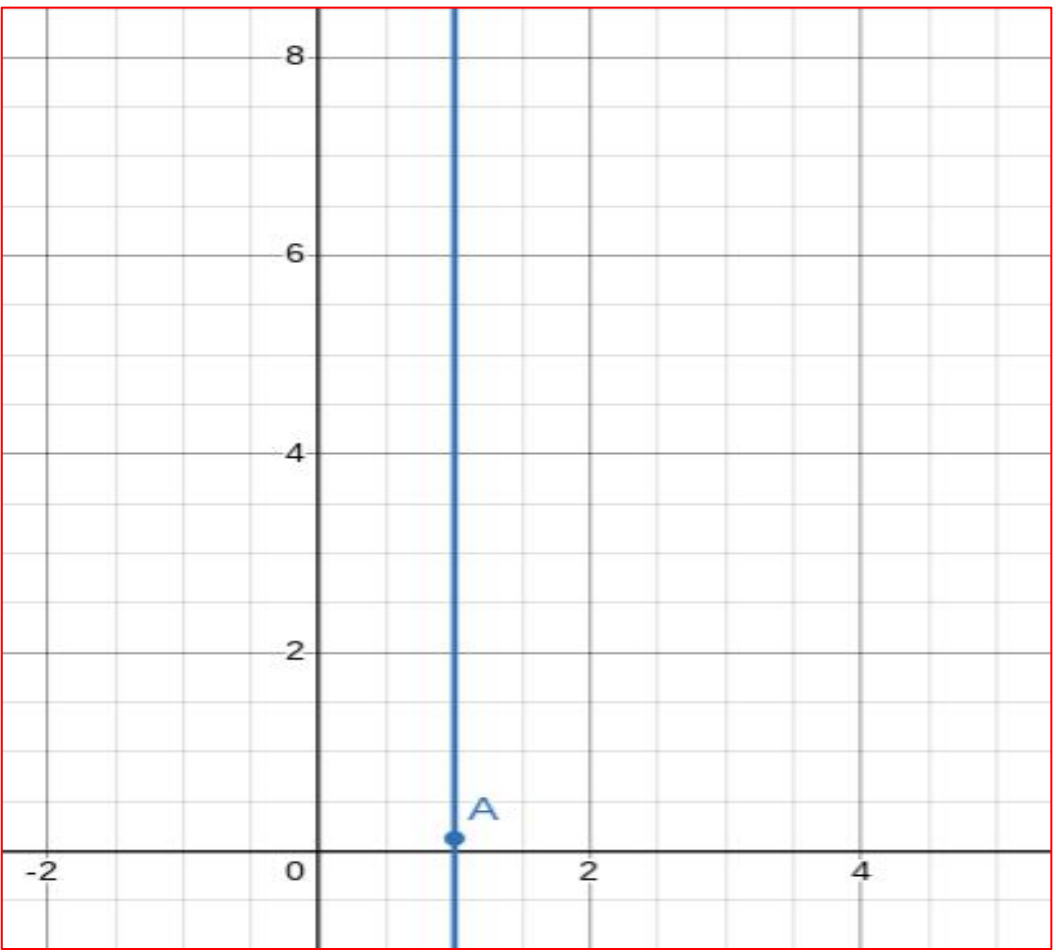
Website: www.desmos.com

-Using Desmos for Visualizing Accountancy Concepts

Graphing Calculator



Sliders “What-if” analysis.



Lists and Tables

x_6	y_6
0	100 000
1	82 000
2	64 000
3	46 000
4	28 000
5	10 000

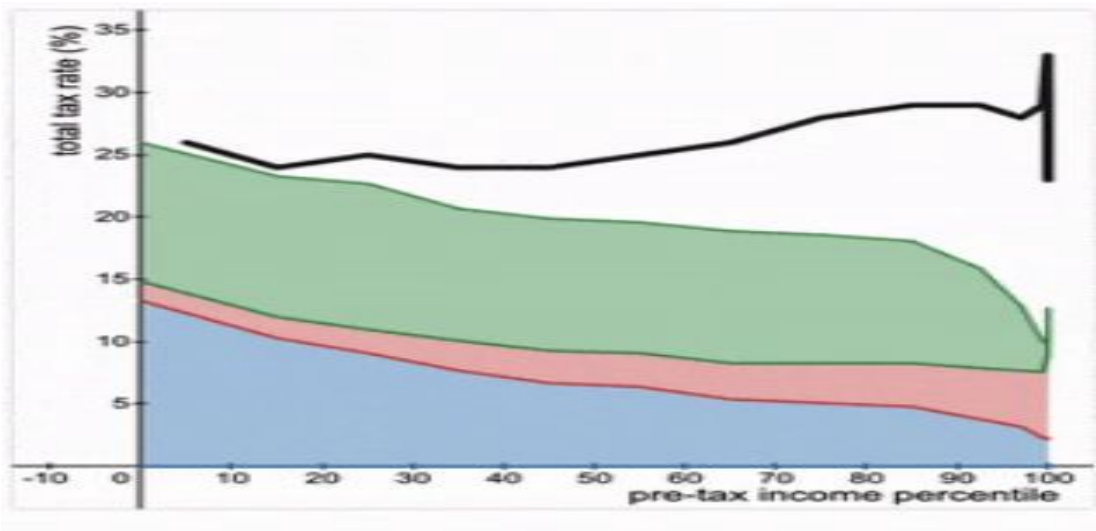
Expression Cells

Desmos Expression Cells interface showing two input fields with labels CR3 and CR4.

Input 1: (40 000, 70 000) Label: CR3

Input 2: (30 000, 80 000) Label: CR4

Toggle Effect



Multi-device Support



Concepts

Accountancy Education



Accounting software = practical skills (*how to record*).

TOP ACCOUNTING SOFTWARES

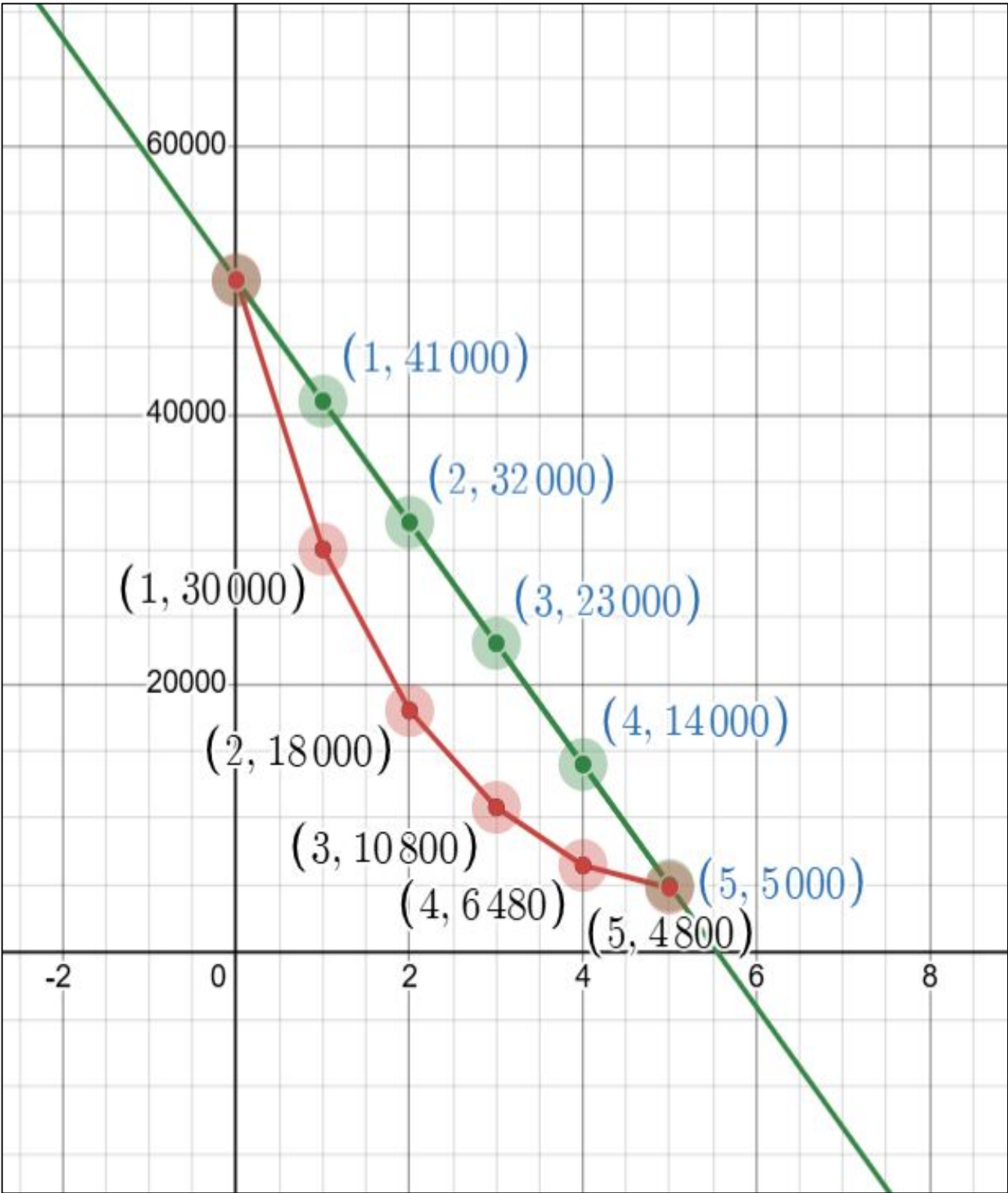
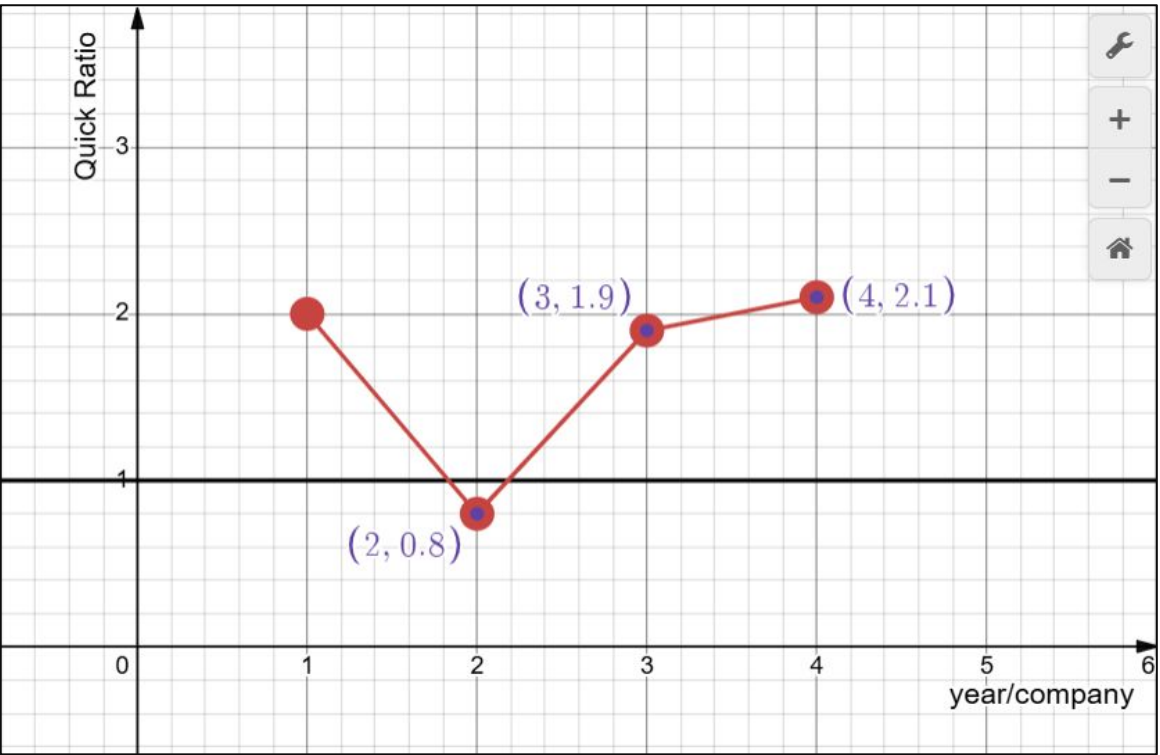
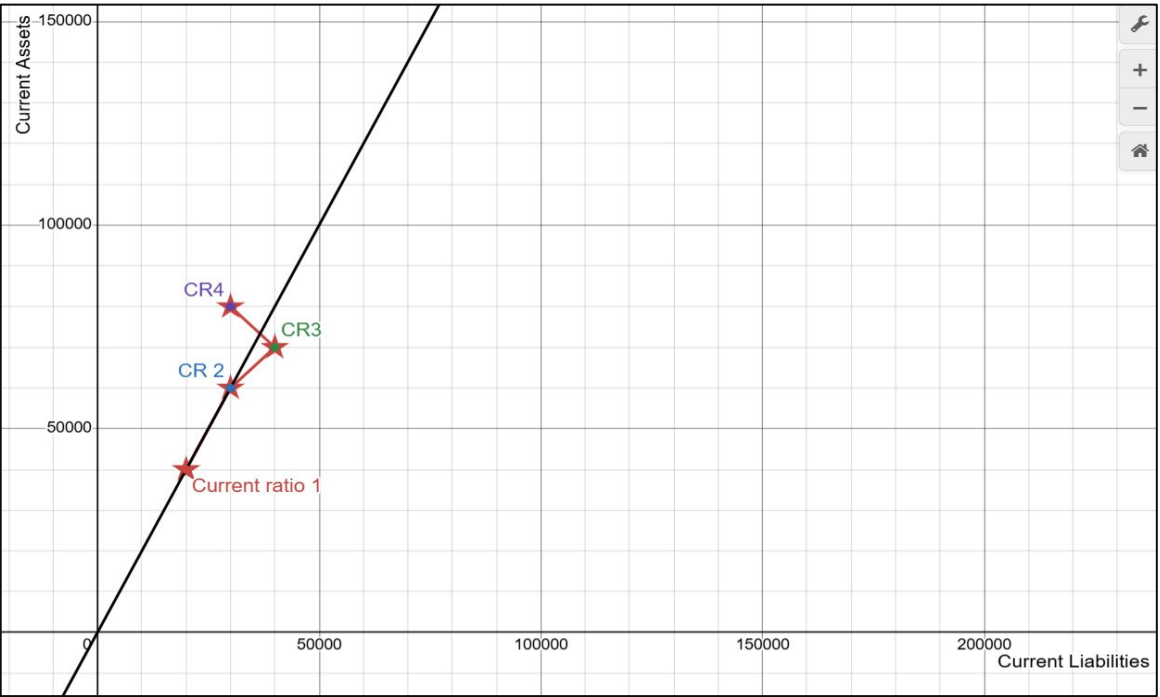
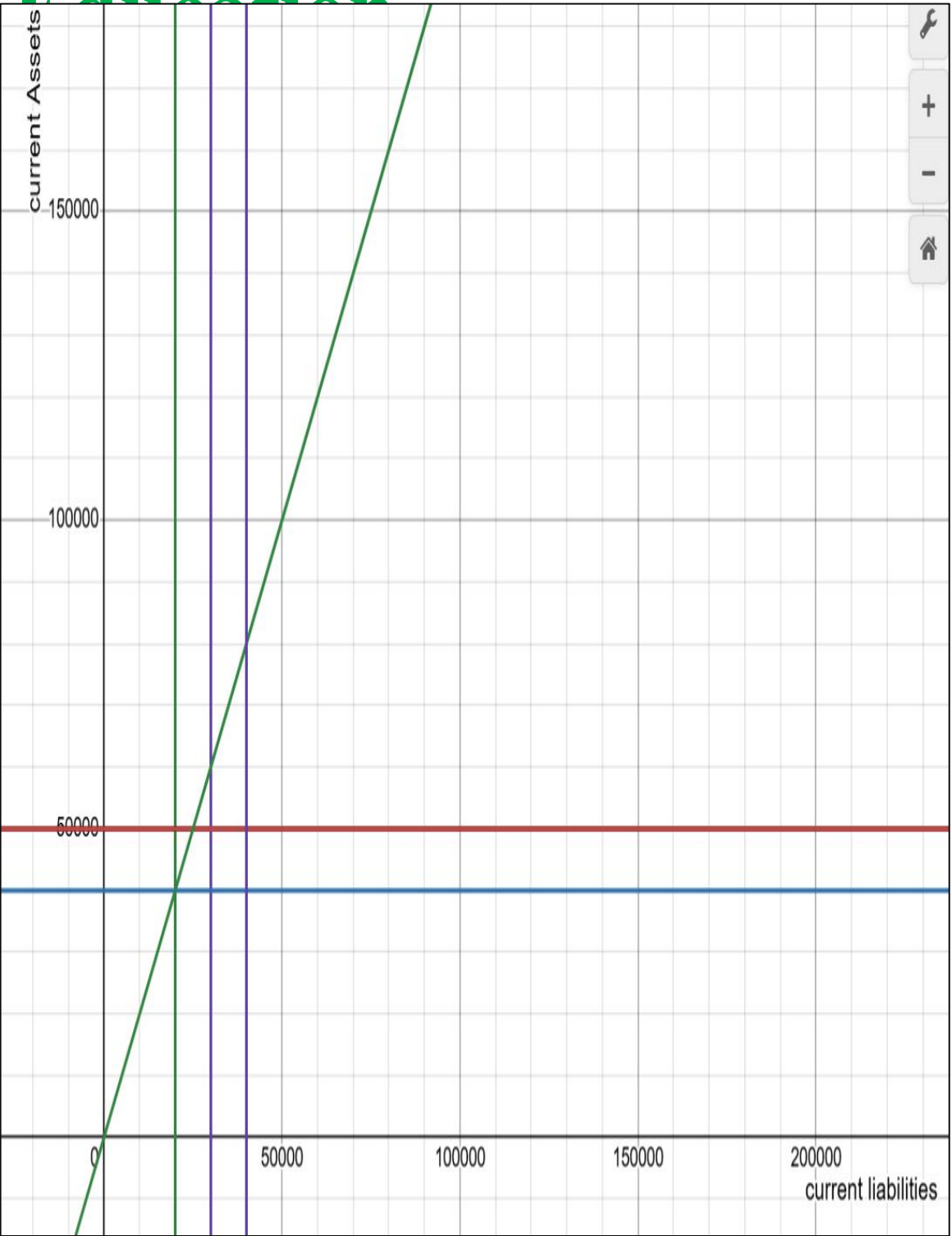


-Using Desmos for Visualizing Accountancy Concepts

Applying Desmos in Accountancy

Desmos = conceptual clarity (*why it behaves this way*).

Education



-Using Desmos for Visualizing Accountancy Concepts

How to use Desmos Graphing Calculator

- 1. Open any browser and go to www.desmos.com**
- 2. Click on ‘Graphing Calculator’**
- 3. Create new graph by typing expressions in the expression bars.**
- 4. Name your own graph and plots.**
- 5. Login to save you work and share with the help of permalink.**

-Using Desmos for Visualizing Accountancy Concepts



Live Demonstration-

- Login to Desmos
- Explore the Interface
- One Quick Demo

Hands-On Activity

Visualizing Depreciation in Desmos

- Straight Line Method (SLM)
- Written Down Value Method (WDV)
- Comparison
- Decision-Making Insight

-Using Desmos for Visualizing Accountancy Concepts

