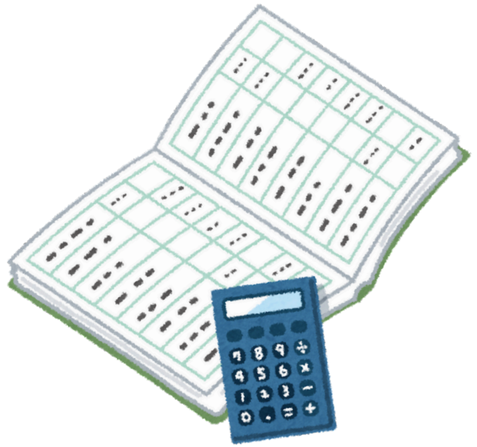


LinCal

Linear algebra calculator

for students

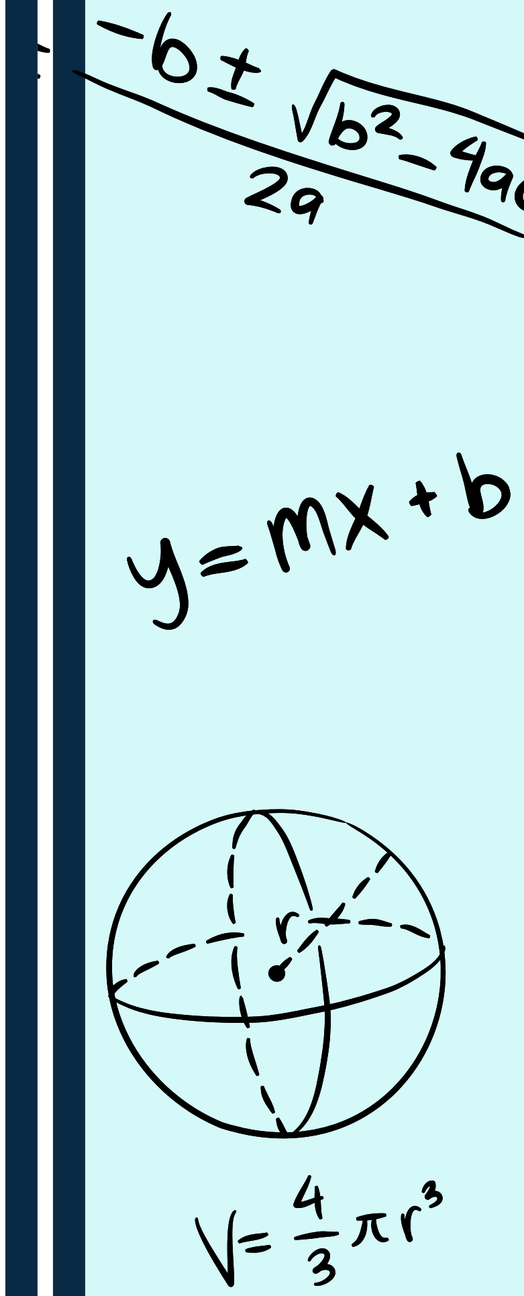
Our calculator

Matrix Operations

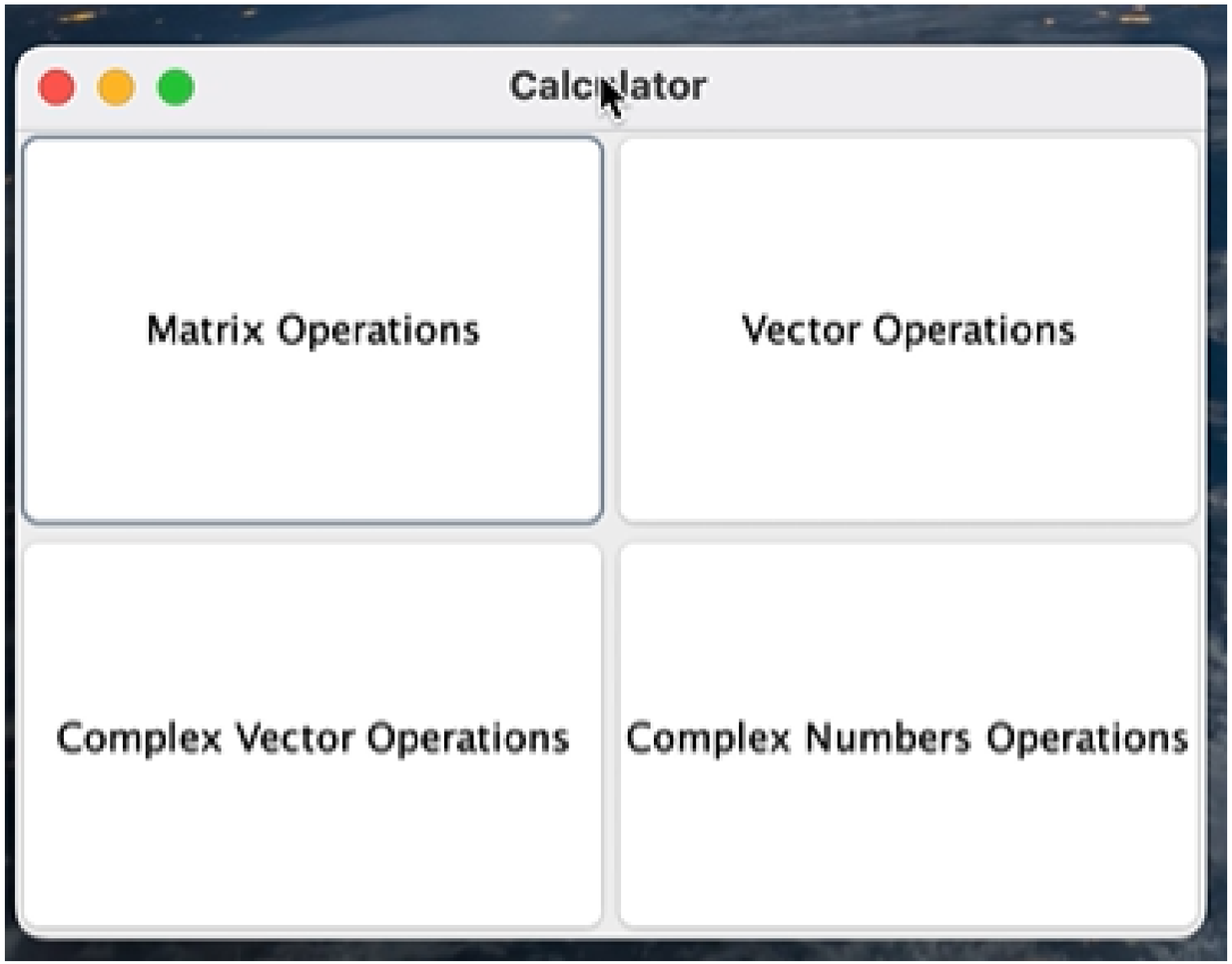
Vector Operations

Complex Vector Operations

Complex Numbers Operations

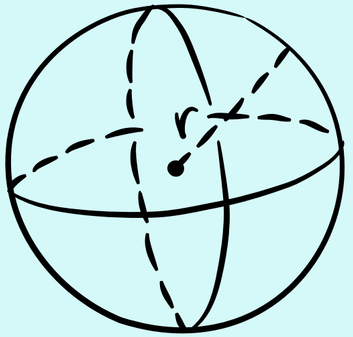


Our calculator



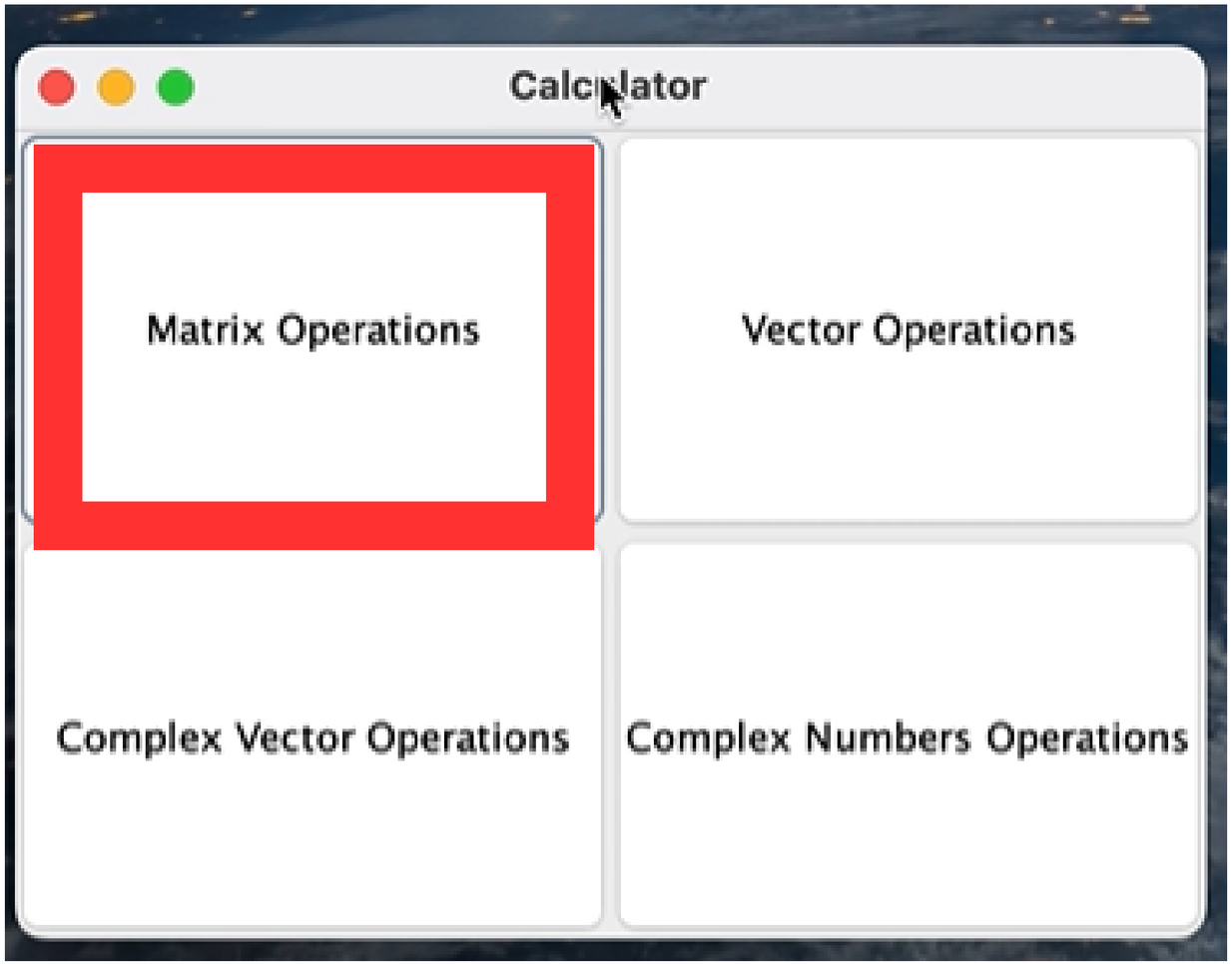
$$= \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

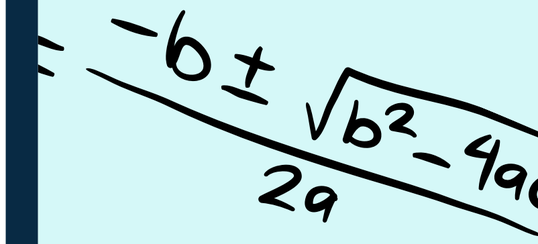
$$y = mx + b$$



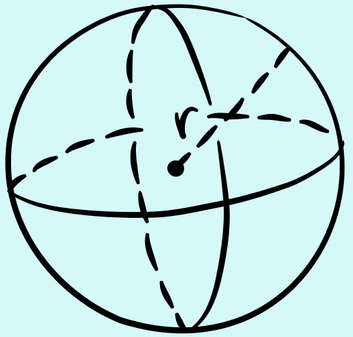
$$V = \frac{4}{3}\pi r^3$$

Our calculator





$y = mx + b$



$V = \frac{4}{3}\pi r^3$

Matrix Operations

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

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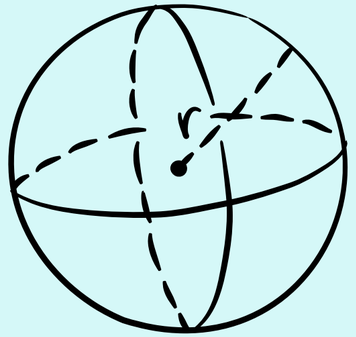
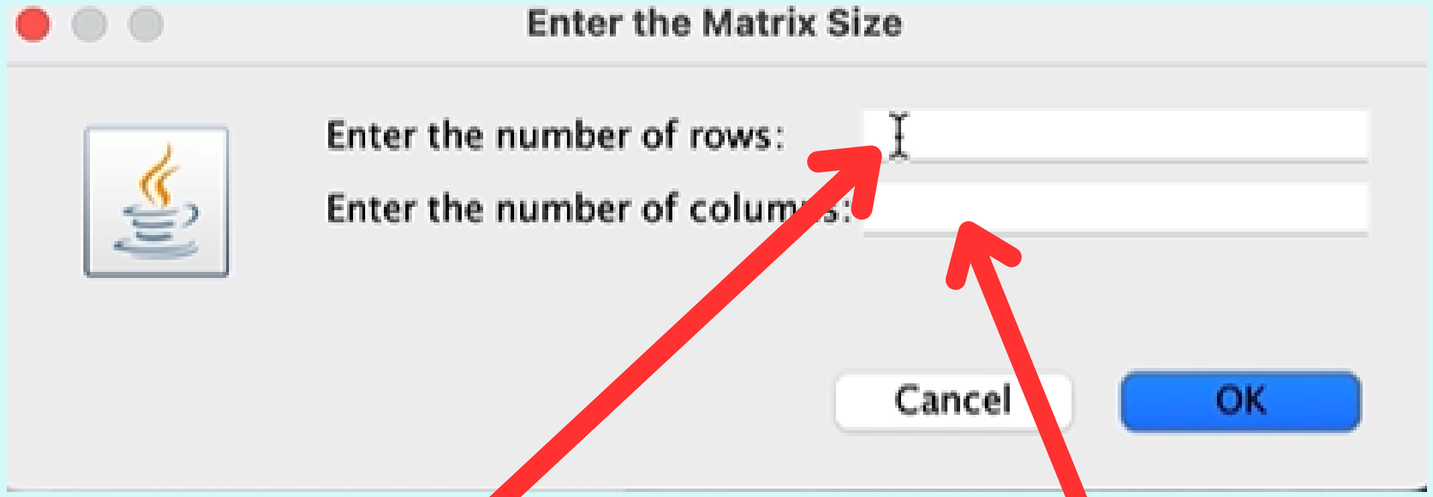


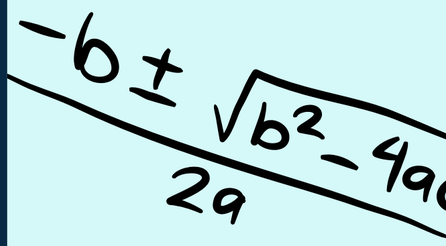
$$V = \frac{4}{3}\pi r^3$$

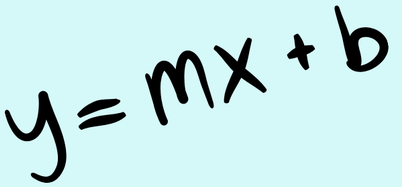
Matrix Operations

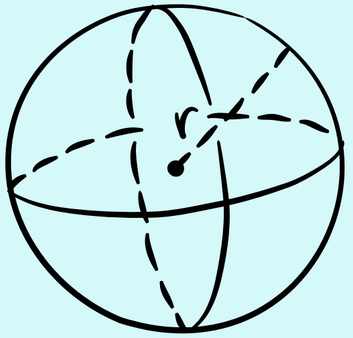


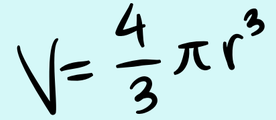
Number of rows

Number of columns

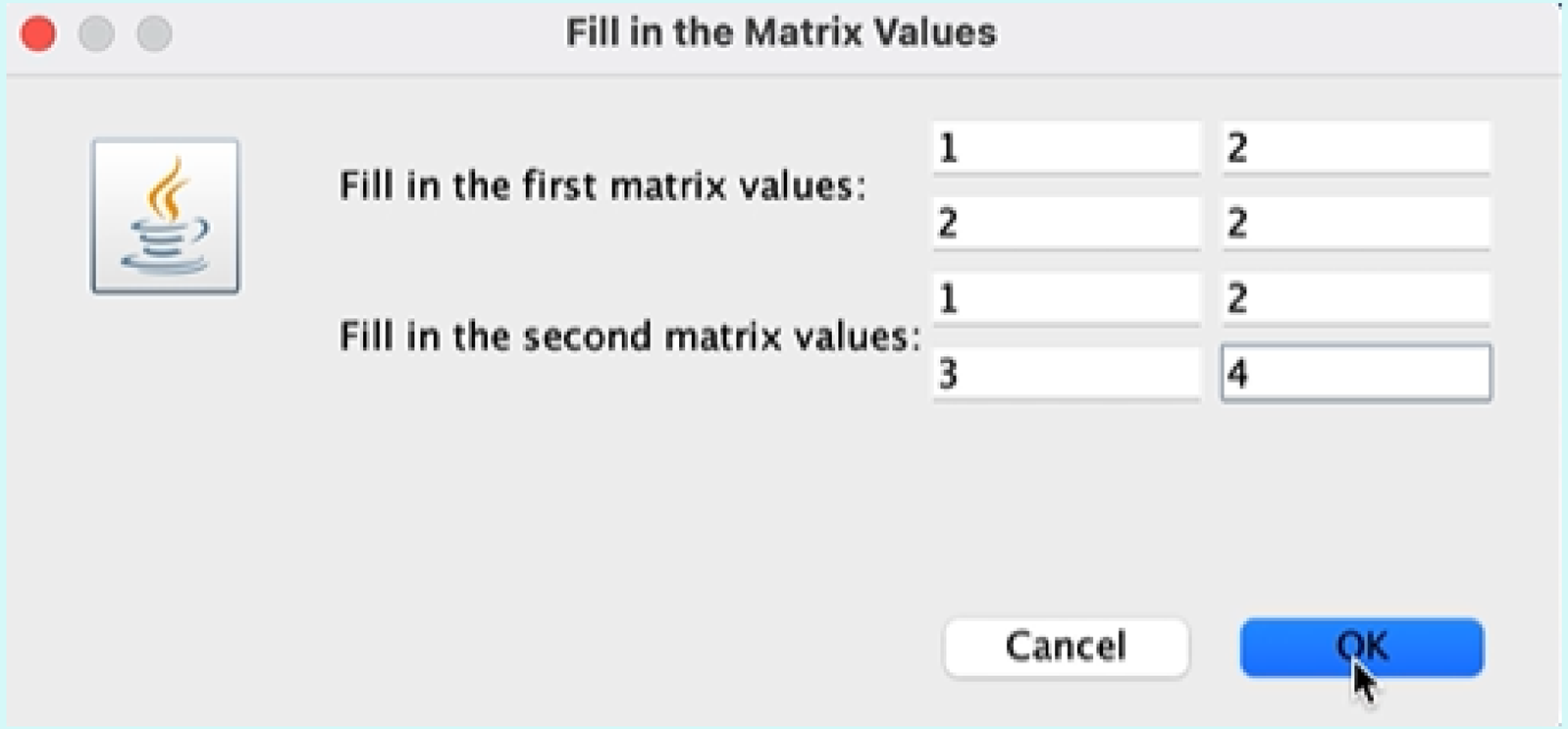






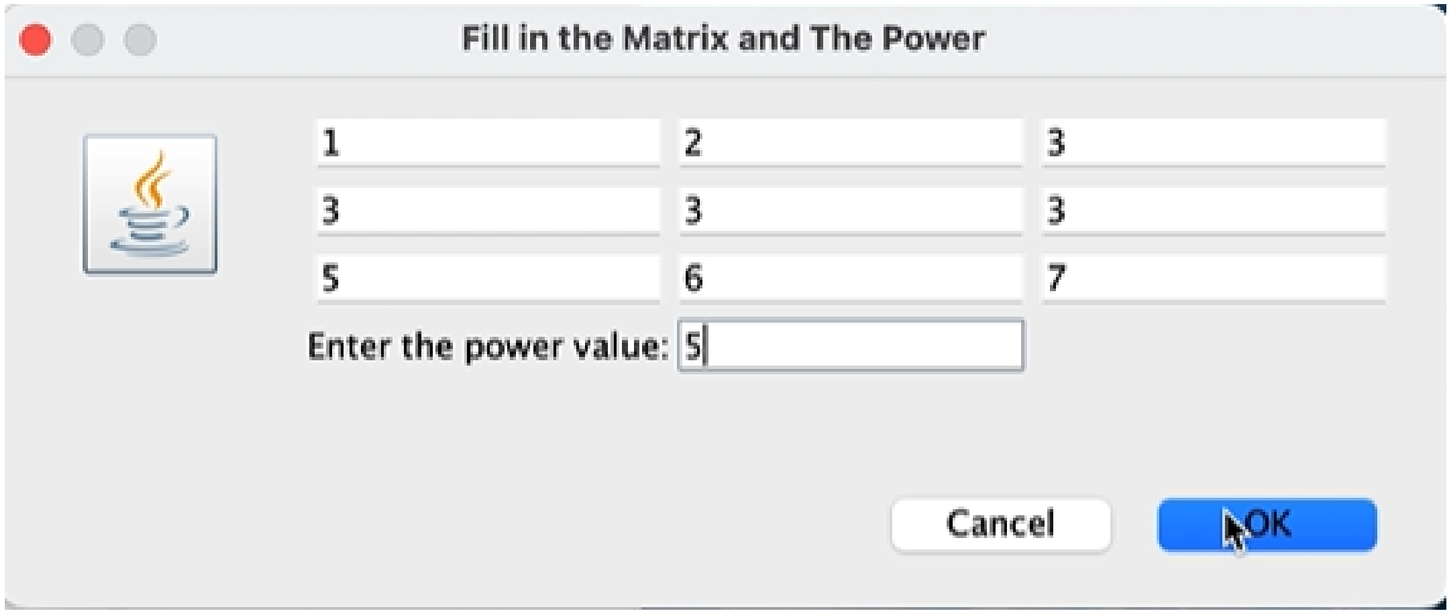


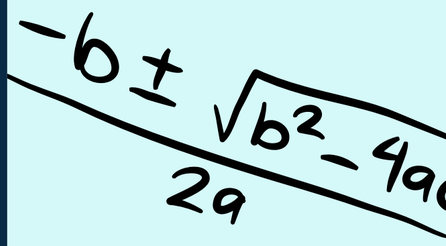
Here we asked our program to create 2x2 matrix, and we fill in the values in the corresponding cells

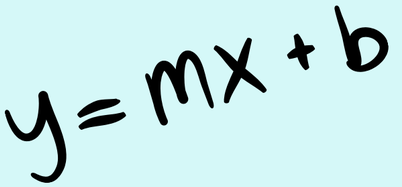


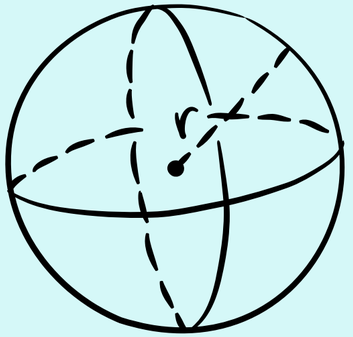
And here are the results!

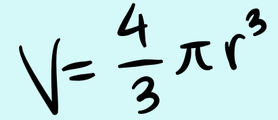
Here we asked our program to create 3x2 matrix, and and calculate the power value





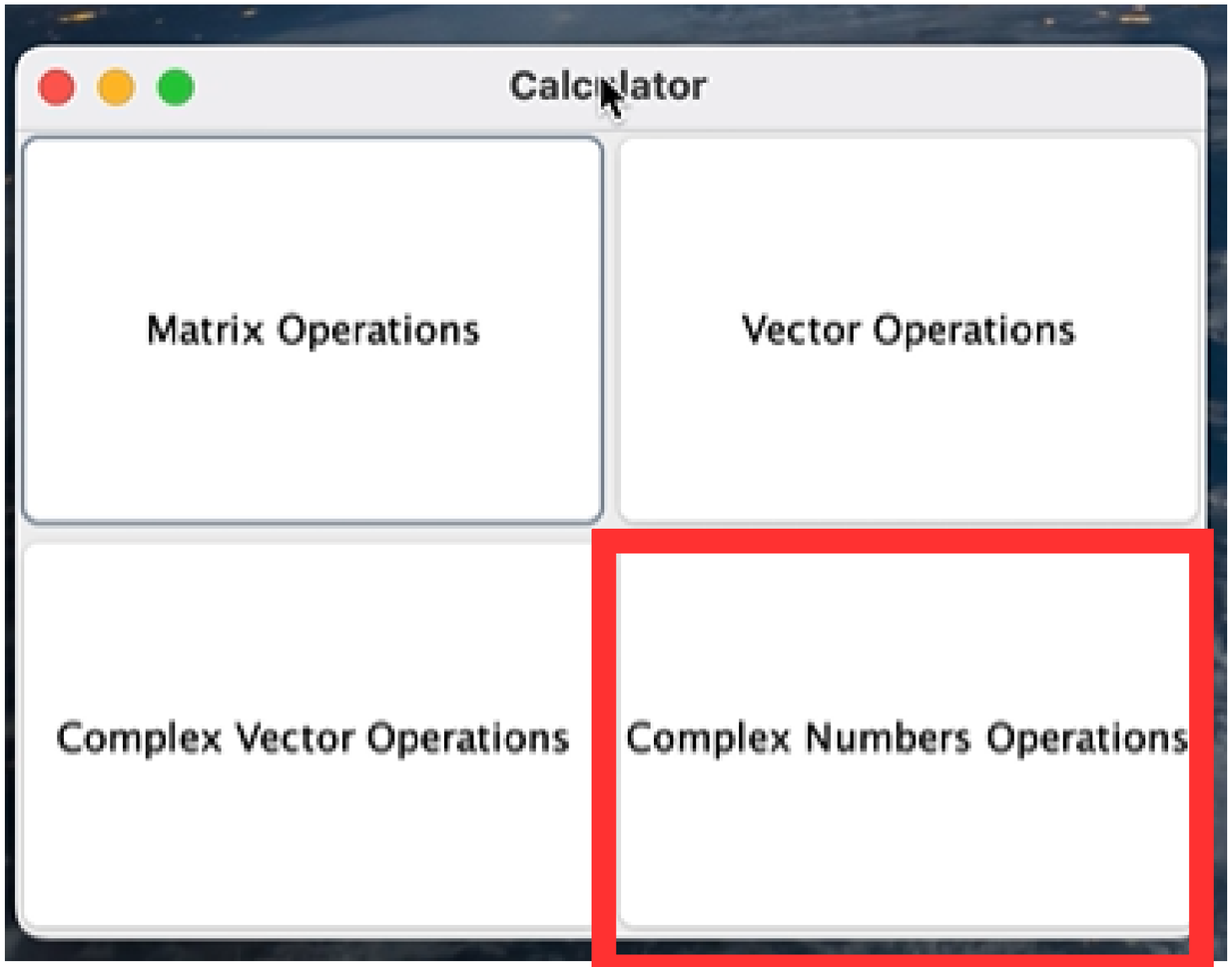


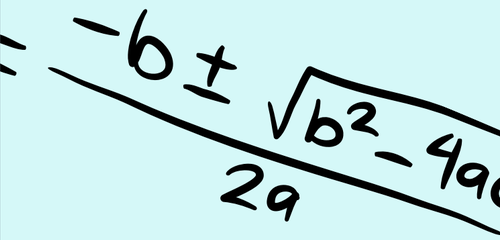




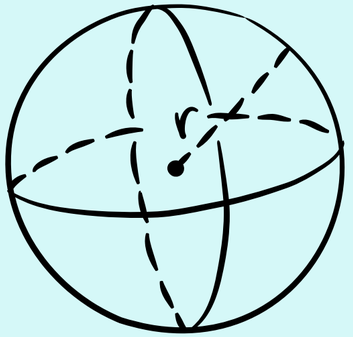
And here are the results!

Complex number operations

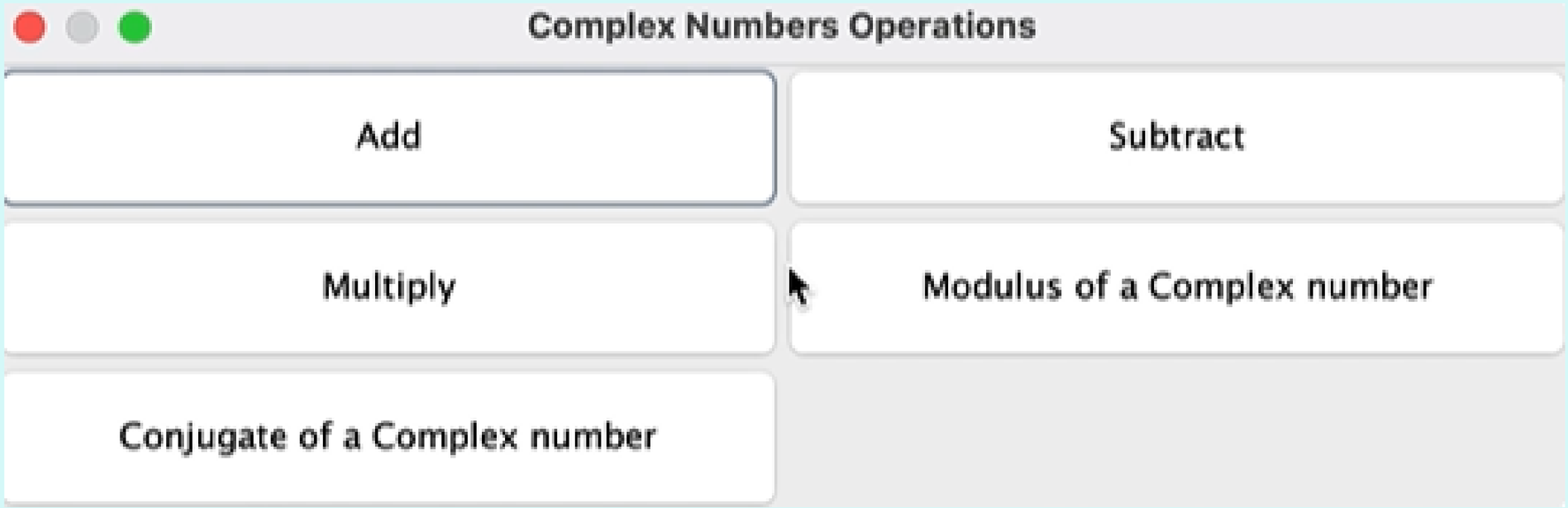




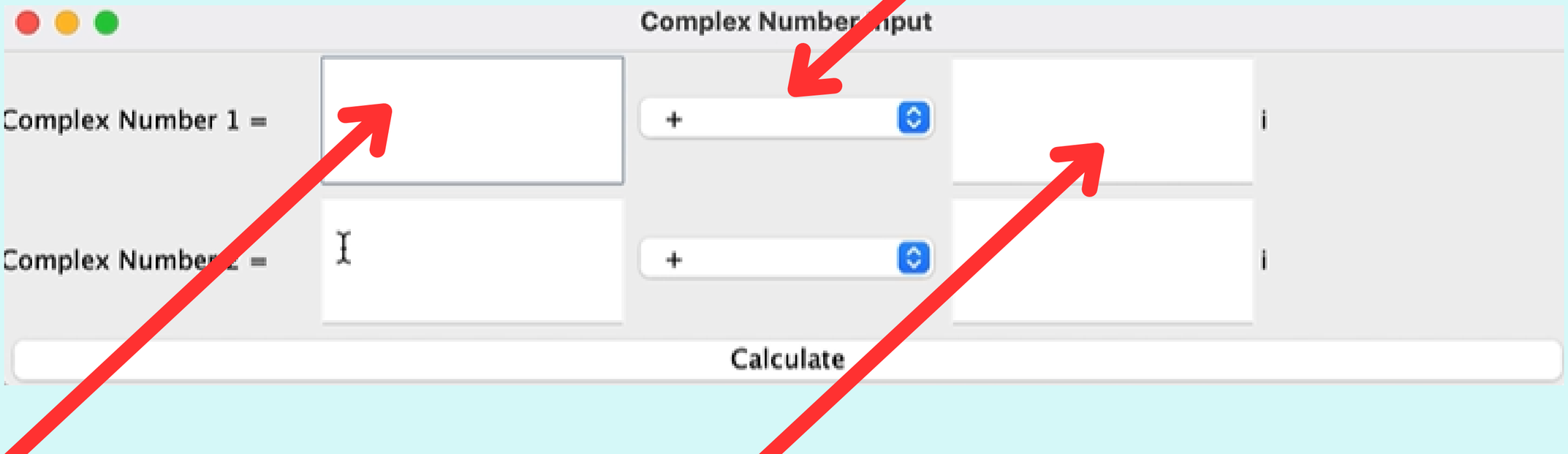
$y = mx + b$

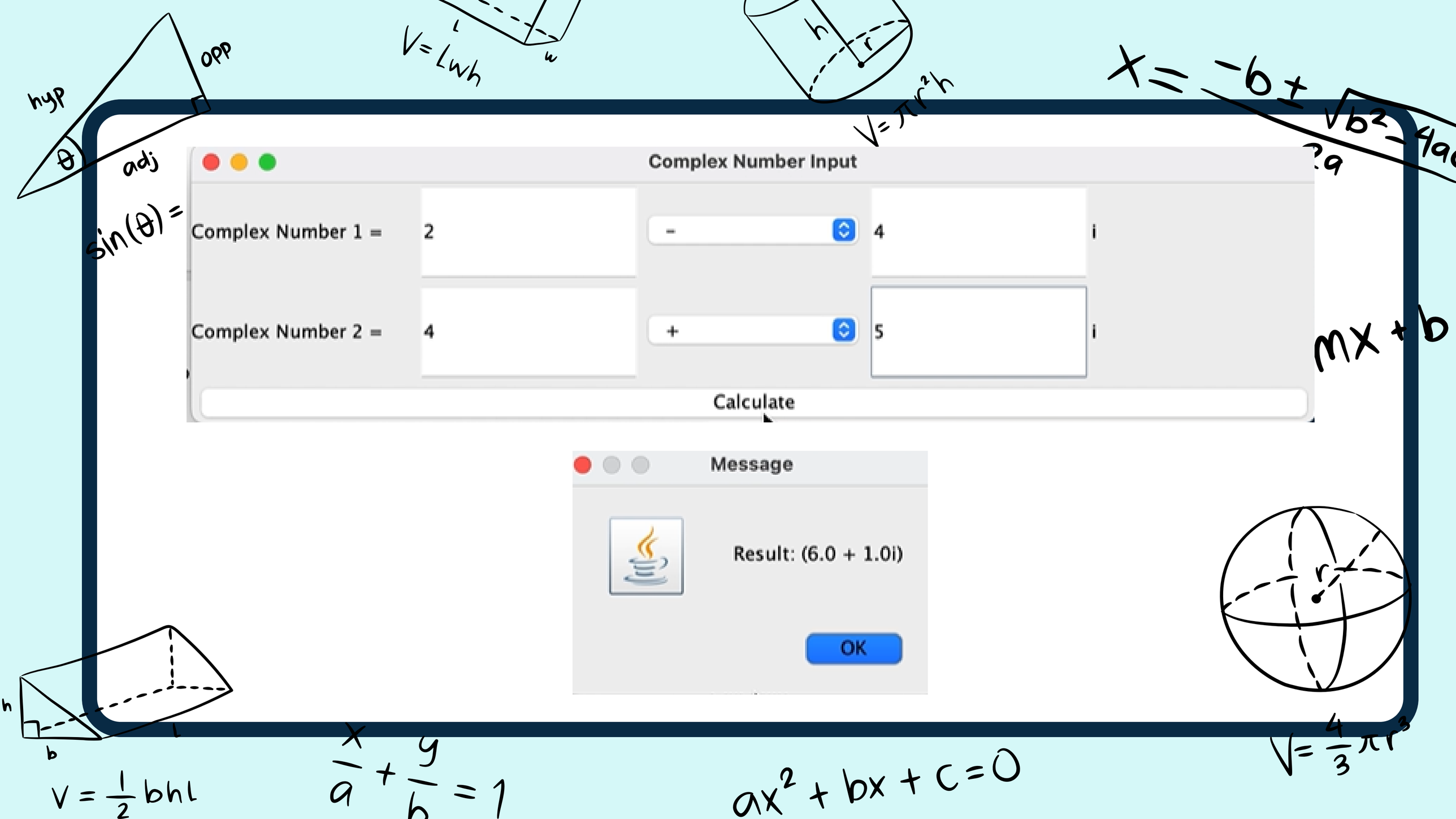


$V = \frac{4}{3}\pi r^3$

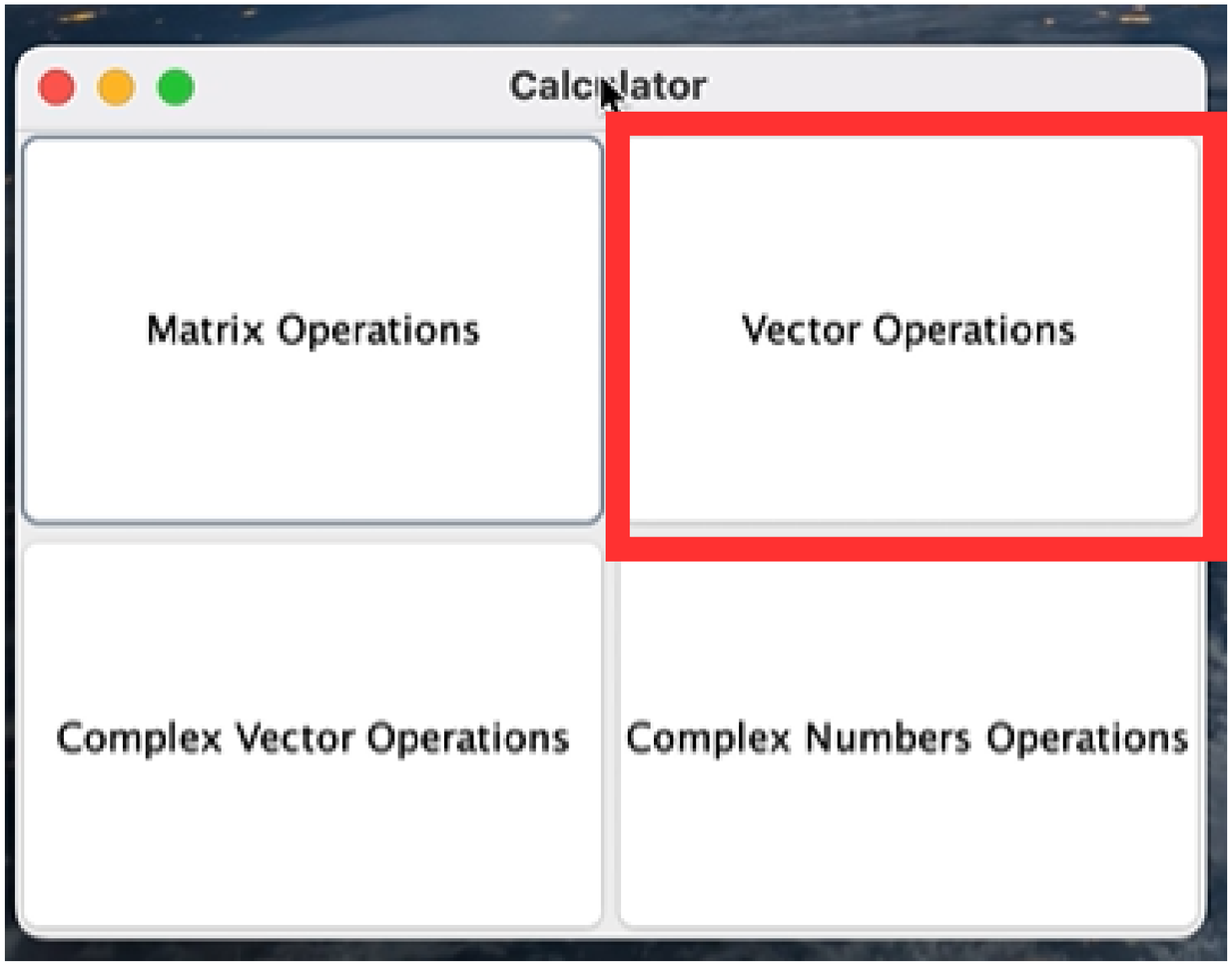


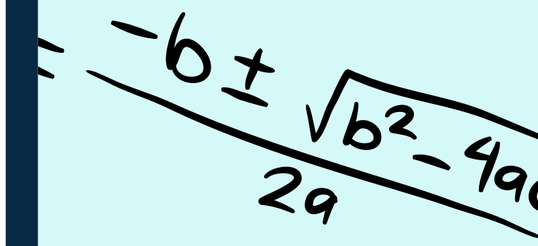
In case of addition



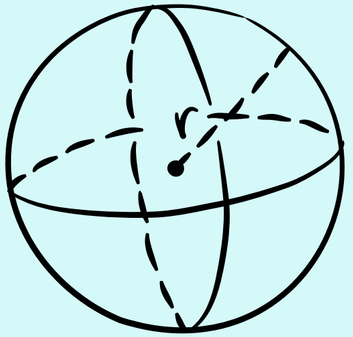

Complex Number Input
Complex Number 1 =
2
-
4
i
Complex Number 2 =
4
+
5
i
Calculate
Message
Result: (6.0 + 1.0i)
OK

VECTOR OPERATIONS



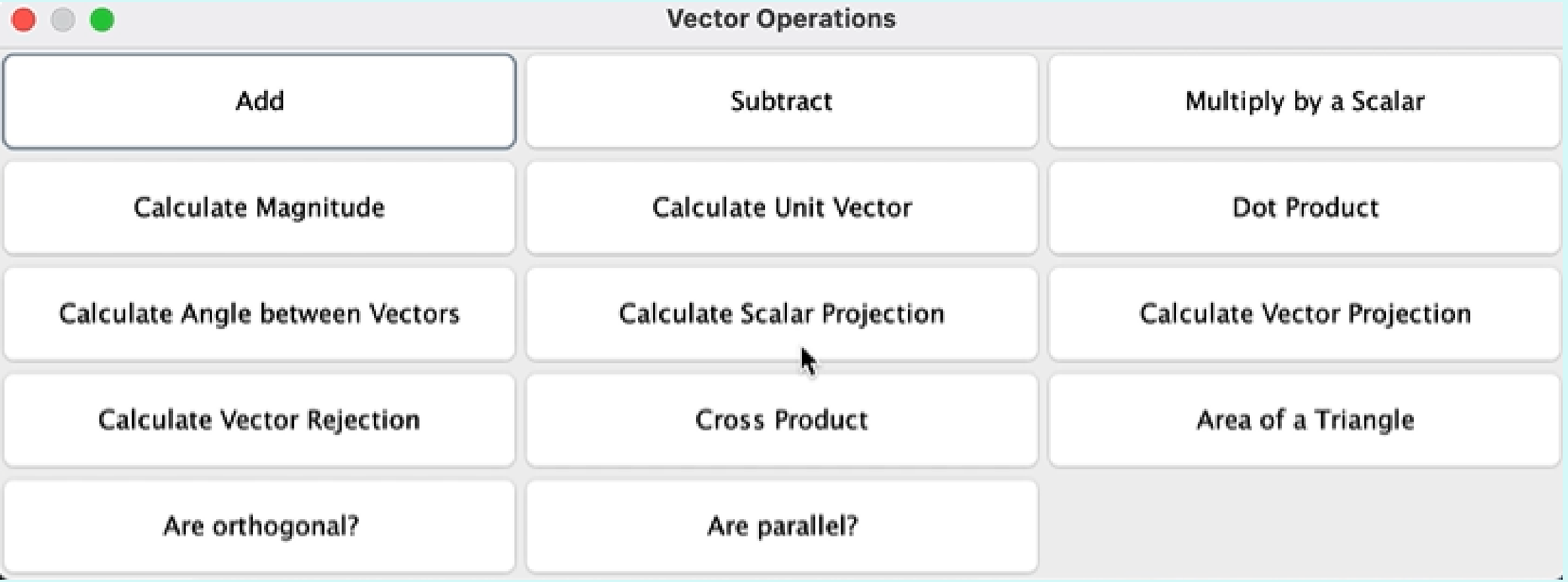


$y = mx + b$



$V = \frac{4}{3}\pi r^3$

Vector Operations



$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

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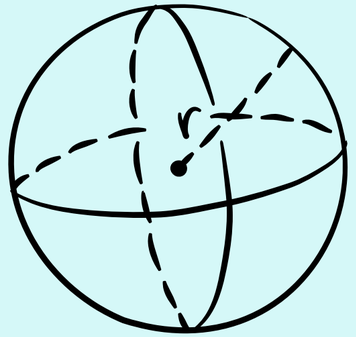

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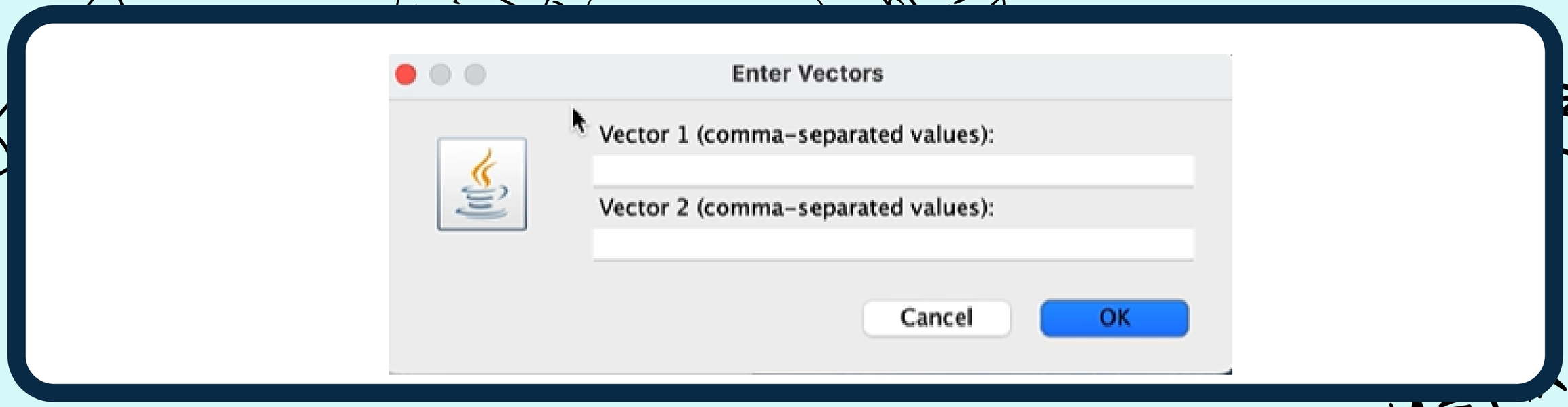
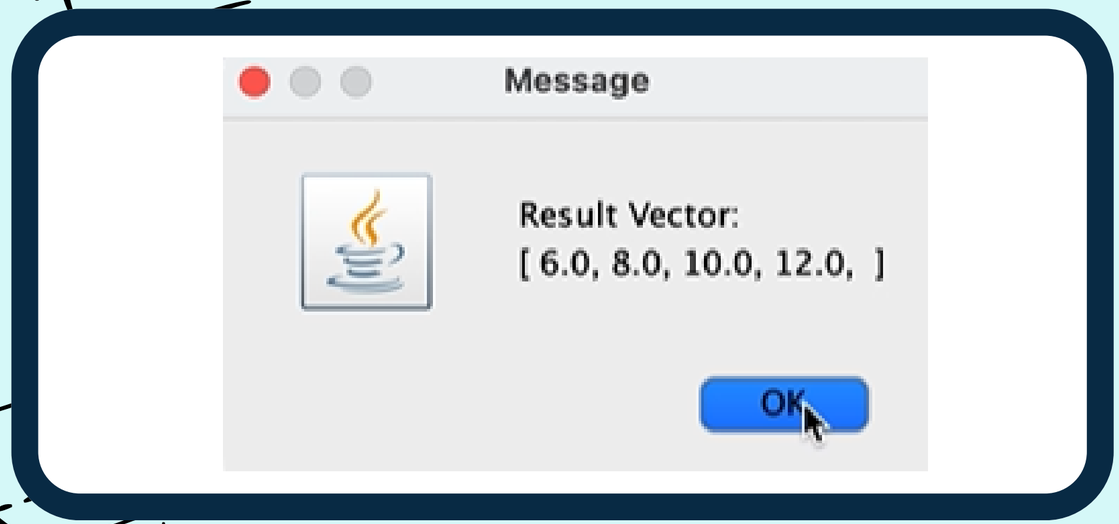
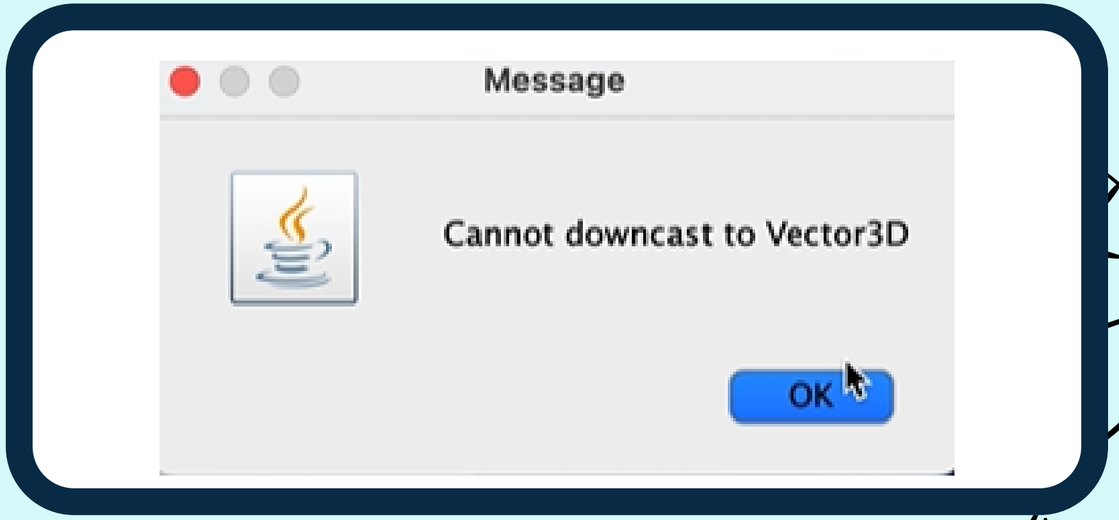
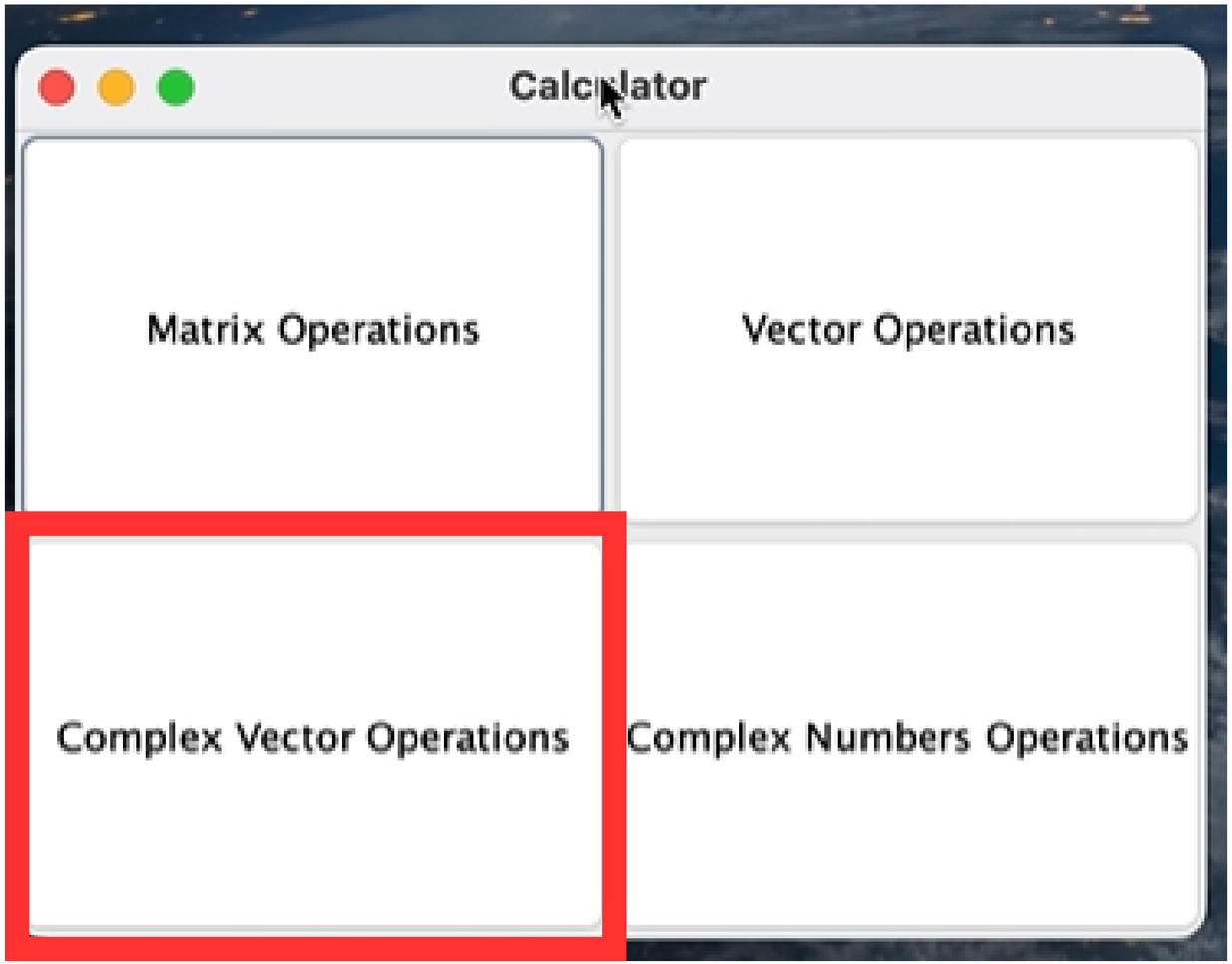


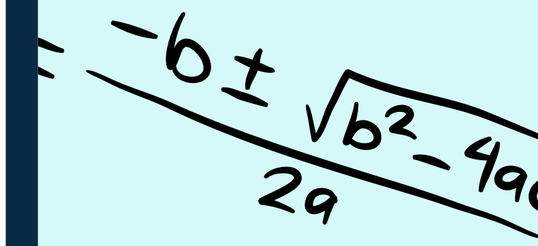




hyp
θ
$V_f - V_i$
$a =$
h
b
l
$V = \frac{1}{2}bhl$
$ax^2 + bx + c = 0$
$V = \frac{4}{3}\pi r^3$
$y = mx + b$

Complex Vector operations





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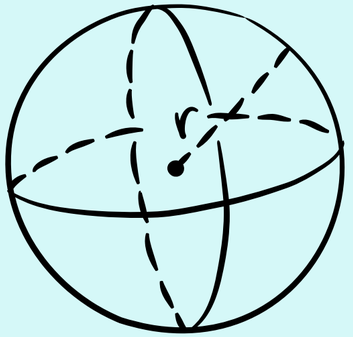

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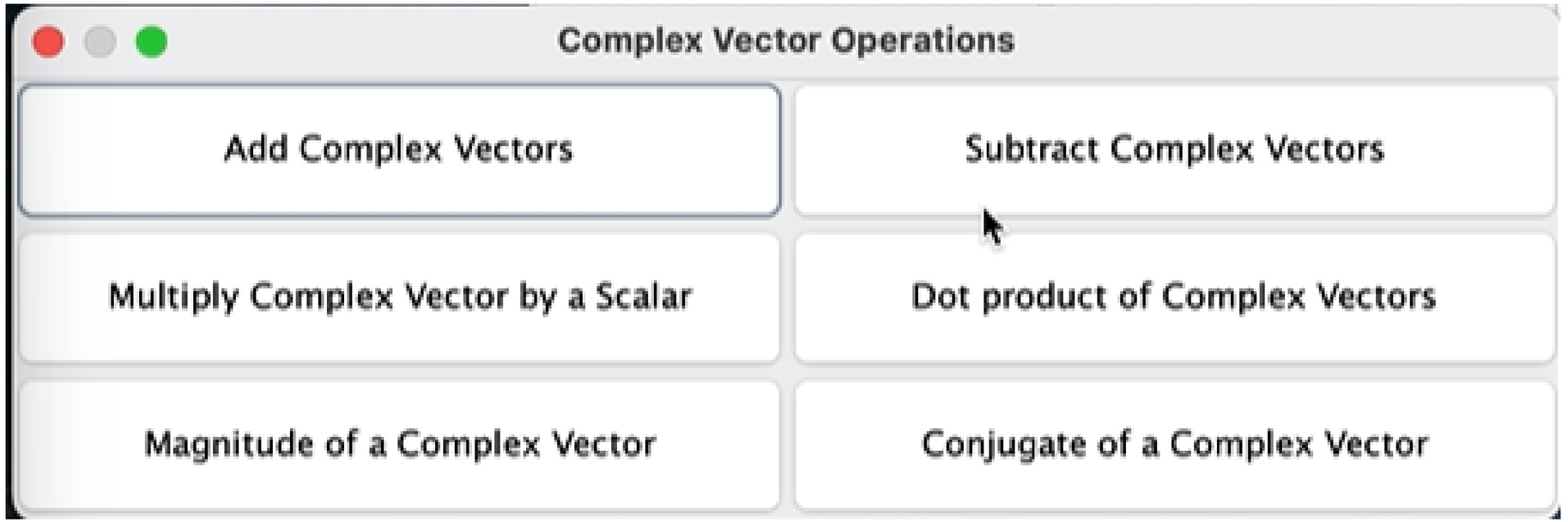
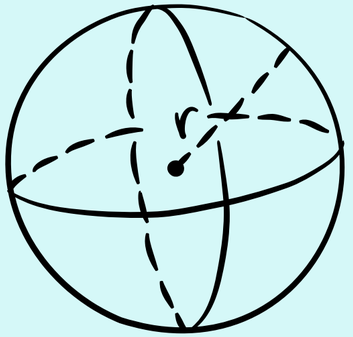
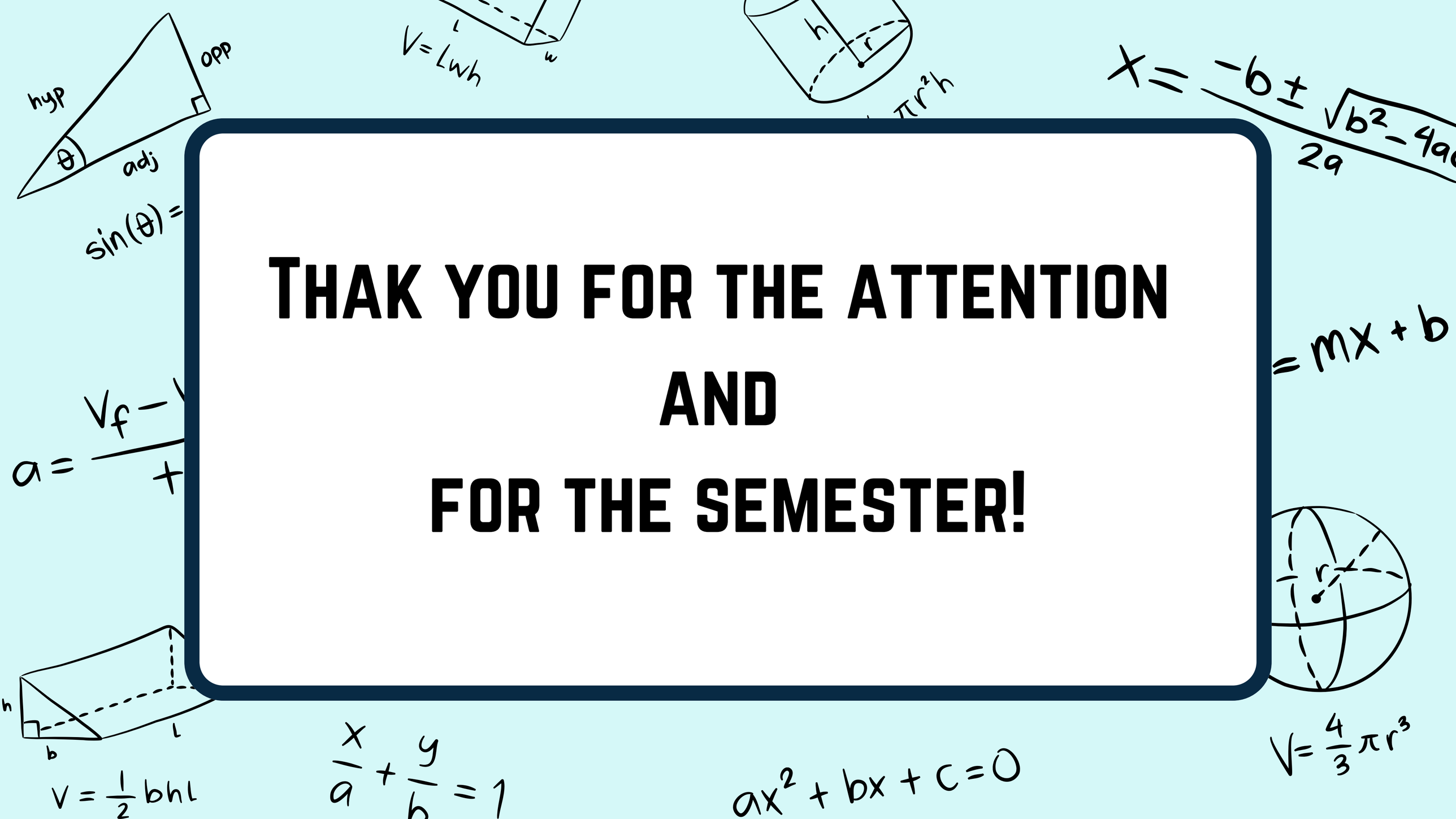
Complex vector operations



$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$y = mx + b$$



$$V = \frac{4}{3}\pi r^3$$

THAK YOU FOR THE ATTENTION
AND
FOR THE SEMESTER!