MATHEMATIK

in der

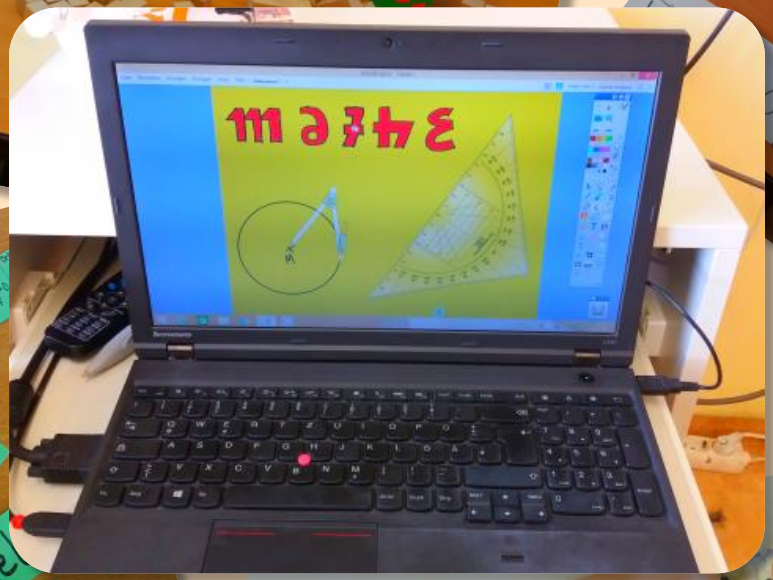
MAX-KLINGER-SCHULE

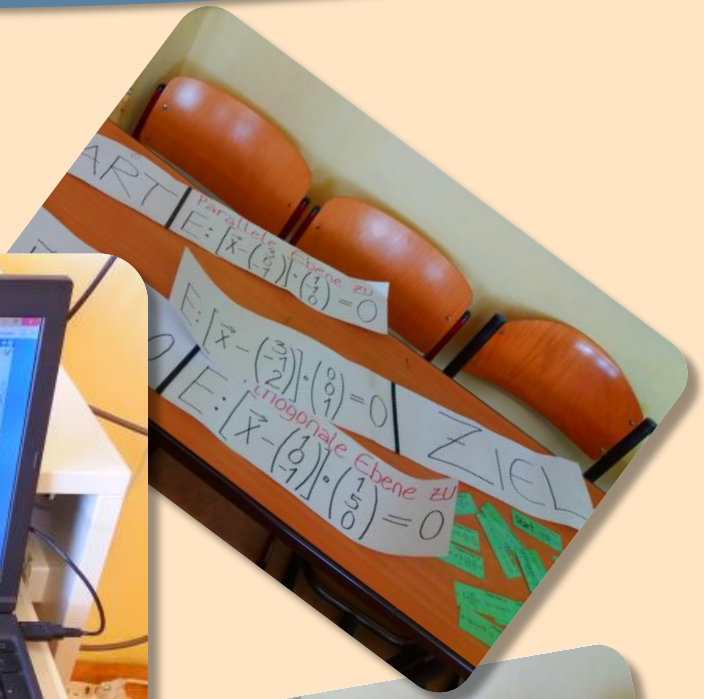
Veranstaltungen und Projekte

Projekt „Flächeninhalt und Volumen “

5. Klasse

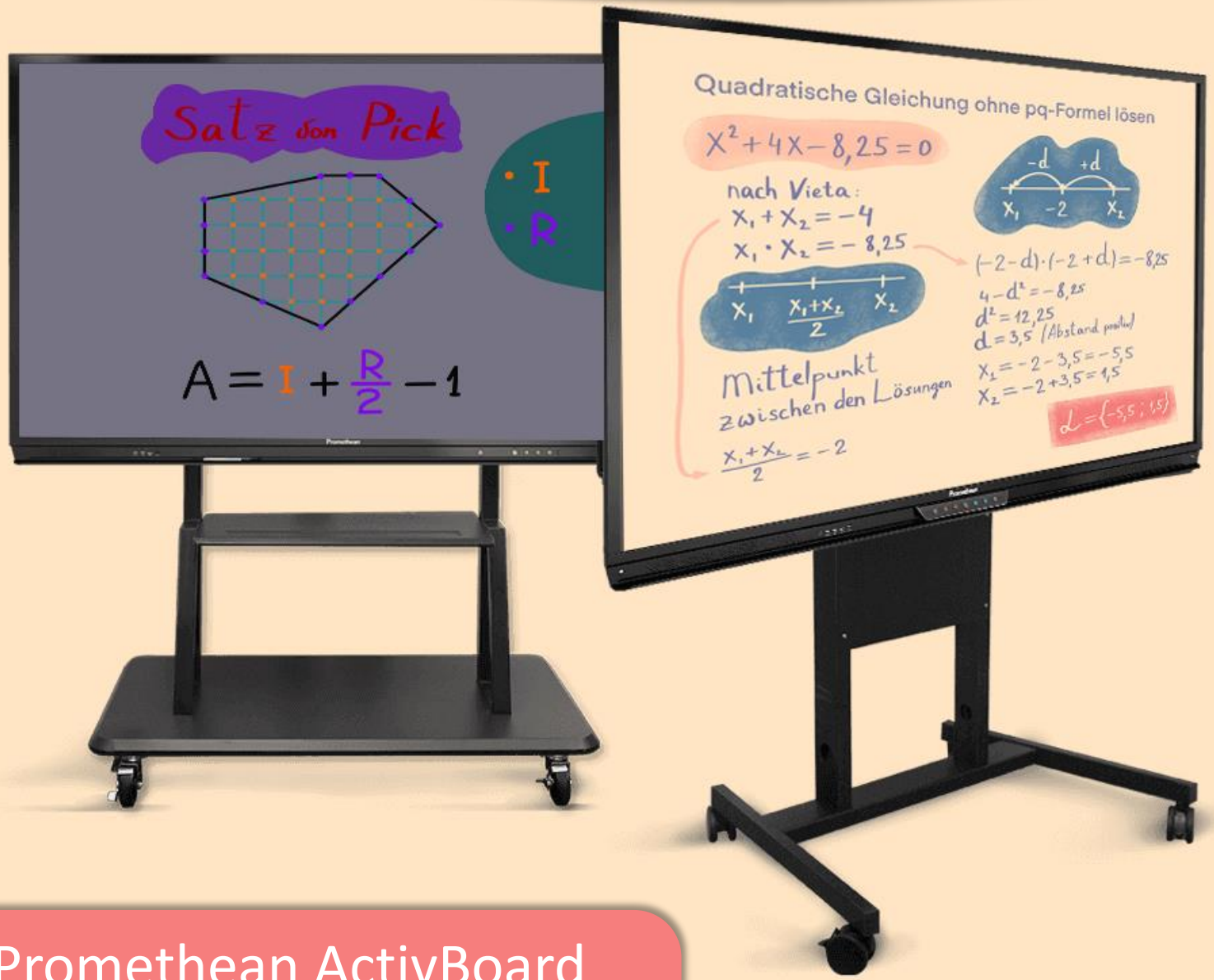
Veranstaltungen und Projekte





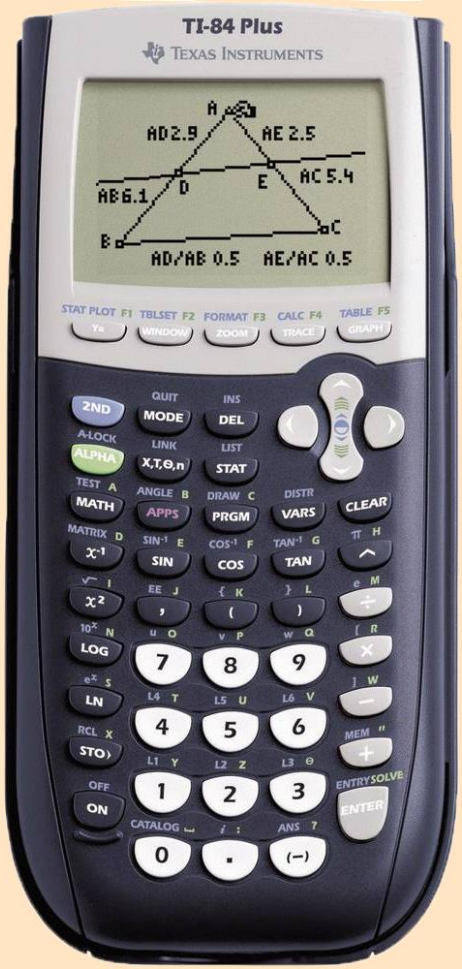
Tag der offenen Tür

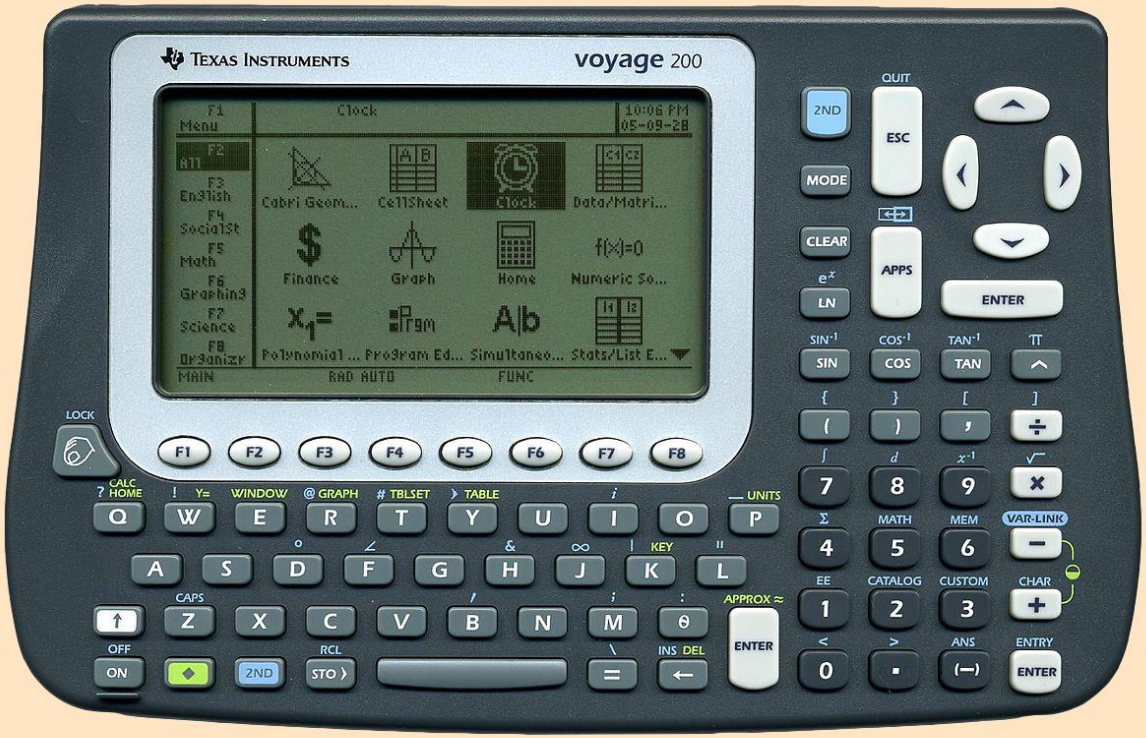
Instrumente



Promethean ActivBoard

Instrumente

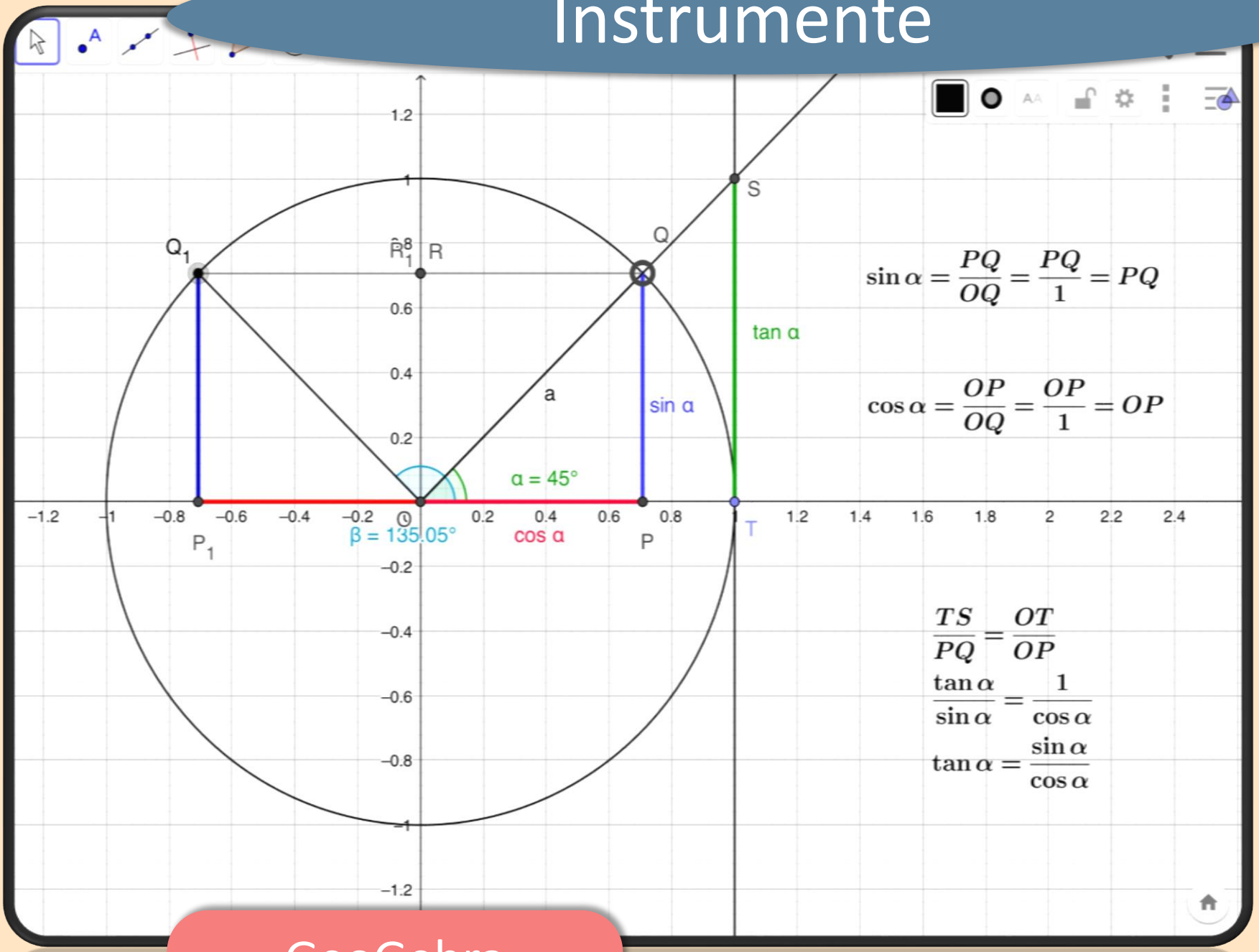




TI-84 Plus

Voyage 200

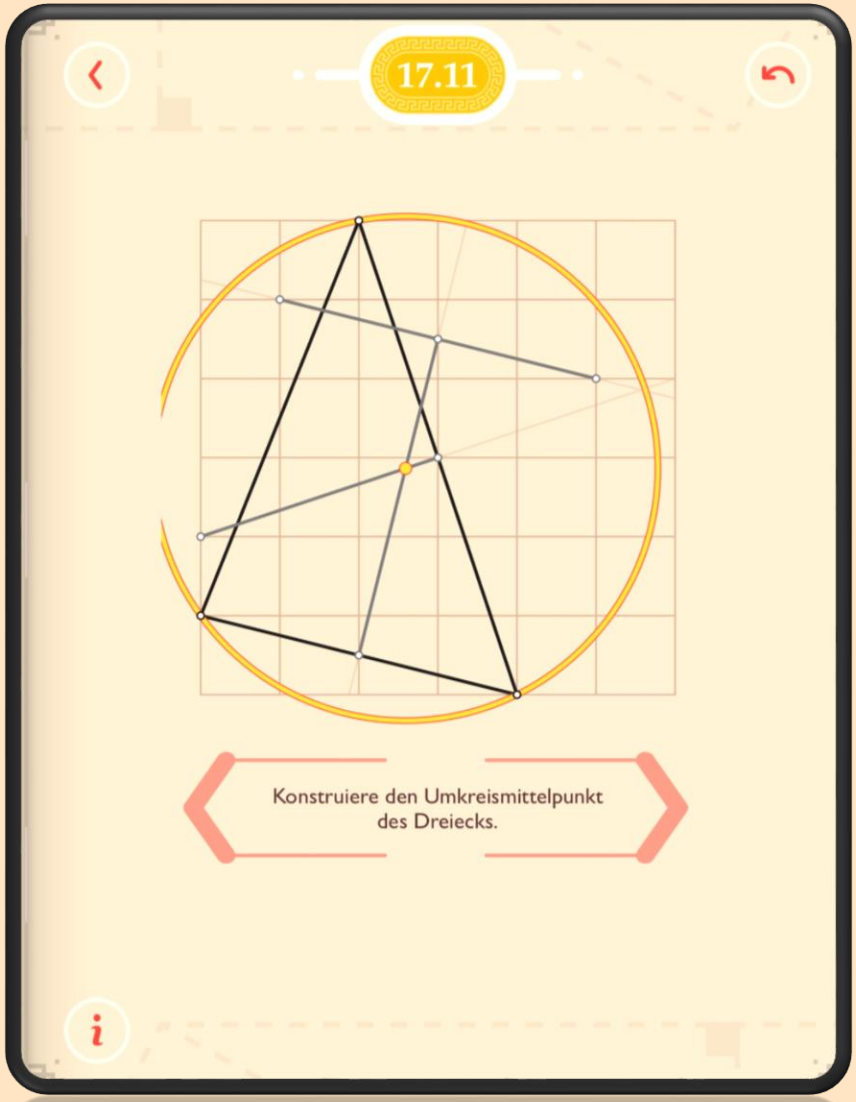
Instrumente



GeoGebra

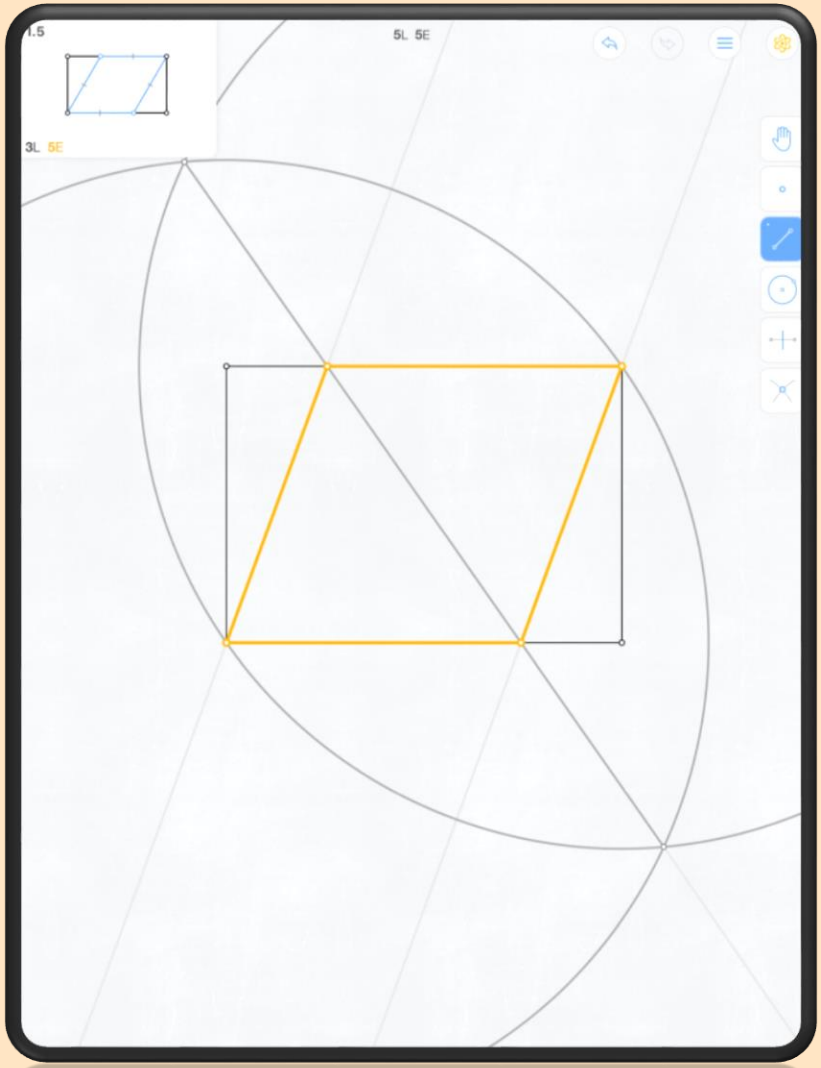
Wettbewerbe

Mathezirkel



Mathezirkel

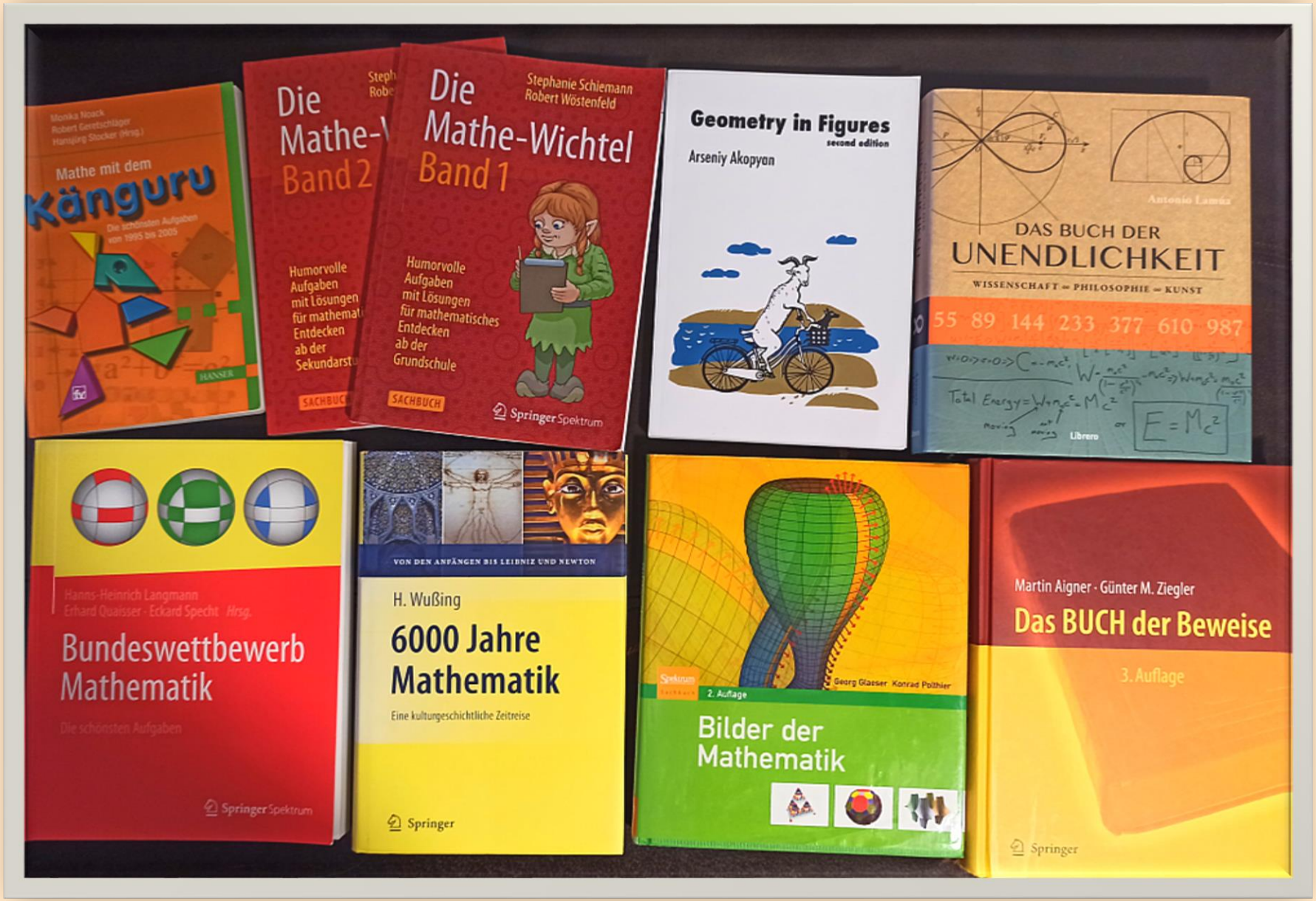
Mathezirkel



Mathezirkel

Mathezirkel

Mathezirkel



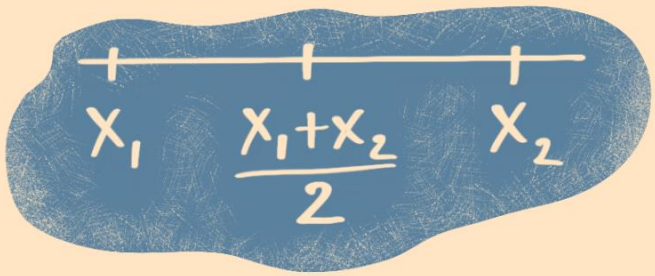
Quadratische Gleichung ohne pq-Formel lösen

$$x^2 + 4x - 8{,}25 = 0$$

nach Vieta:

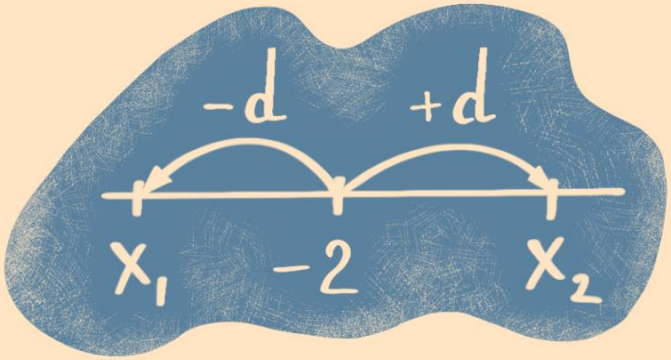
$x_1 + x_2 = -4$

$x_1 \cdot x_2 = -8{,}25$



Mittelpunkt zwischen den Lösungen

$$\frac{x_1+x_2}{2} = -2$$



$(-2-d)\cdot(-2+d) = -8{,}25$

$4 - d^2 = -8{,}25$

$d^2 = 12{,}25$

$d = 3{,}5$ (Abstand positiv)

$x_1 = -2 - 3{,}5 = -5{,}5$

$x_2 = -2 + 3{,}5 = 1{,}5$

$$\mathbb{L} = \{-5{,}5\,;\,1{,}5\}$$