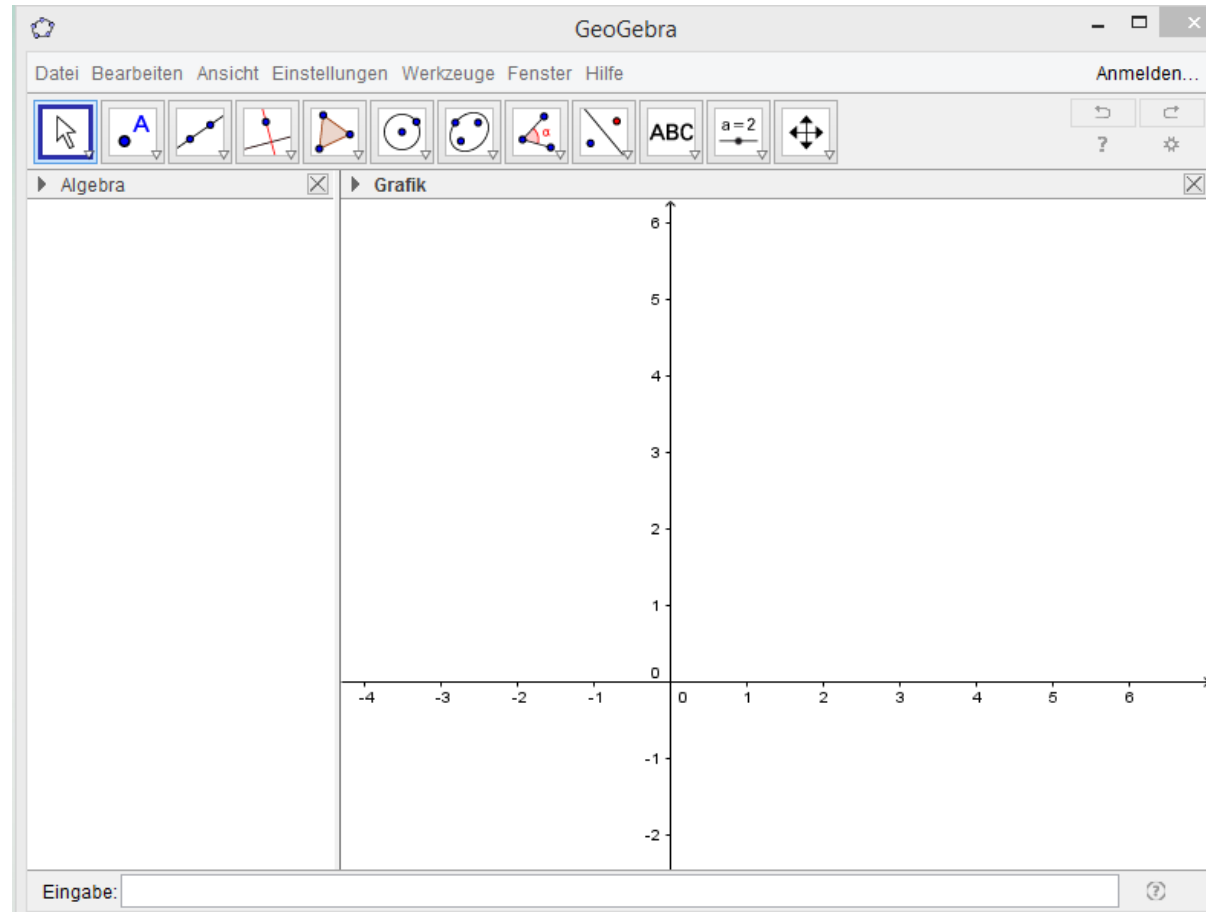


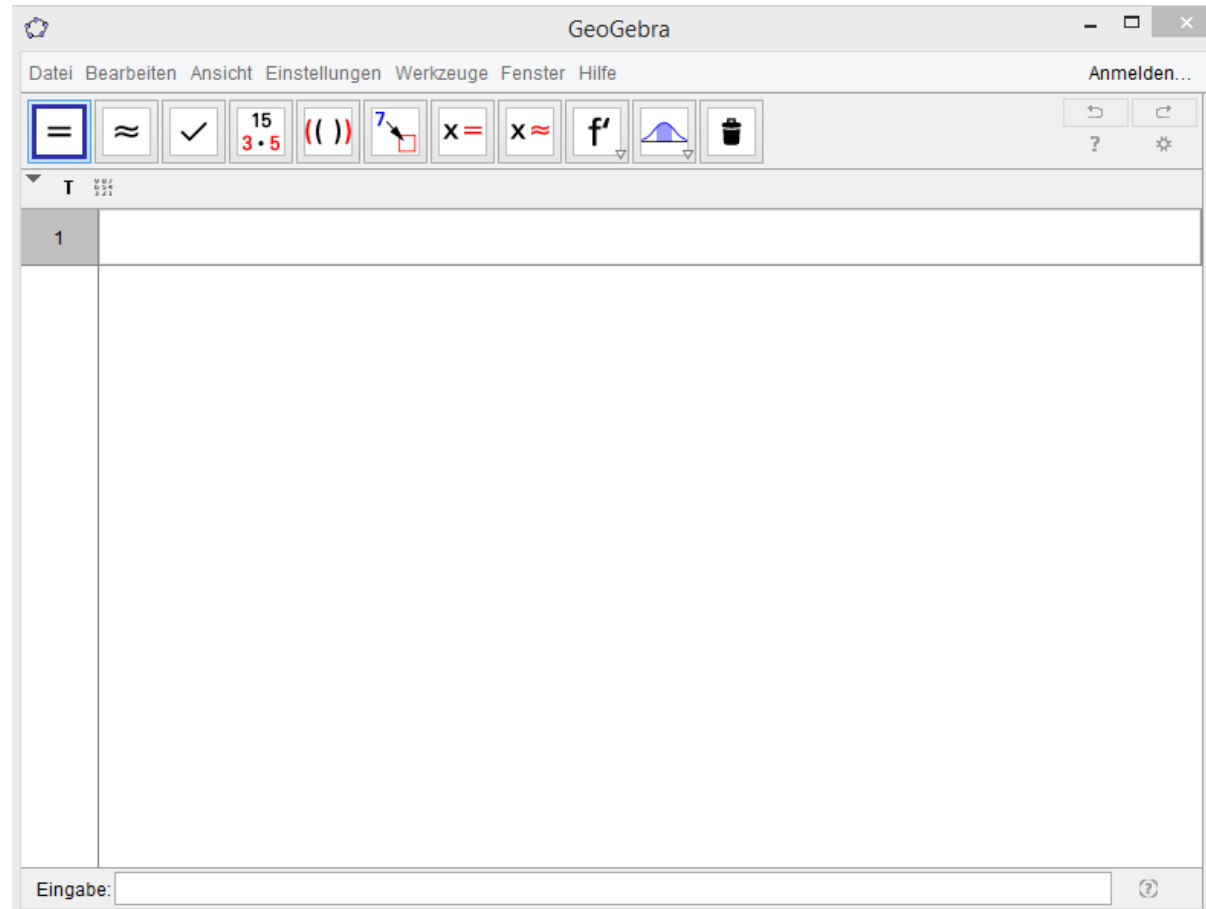
Technologie-Anleitung

Gleitkommandarstellung

Starte das Programm Geogebra.



Wähle CAS (unter Ansicht).



Eingabemöglichkeiten

- Das Programm Geogebra lässt die Eingabe folgender Darstellungen von Zahlen zu:

650

Festkommadarstellung

$6.5 * 10^2$

Gleitkommadarstellung

$6.5 10^2$ (Leerzeichen statt Multiplikationszeichen)

6.5E2

Achtung: Statt einem Komma wird bei Geogebra ein Punkt gemacht!

Beispiele

The screenshot shows the GeoGebra application window. The title bar reads "GeoGebra". The menu bar includes "Datei", "Bearbeiten", "Ansicht", "Einstellungen", "Werkzeuge", "Fenster", and "Hilfe". The toolbar contains various icons for mathematical operations and functions. Below the toolbar is a table with five rows, each showing a different representation of the number 650 and its simplified form.

1	650
<input type="radio"/>	→ 650
2	$6.5 * 10^2$
<input type="radio"/>	→ 650
3	$6.5 10^2$
<input type="radio"/>	→ 650
4	$6.5E2$
<input type="radio"/>	→ 650
5	

Versuche es nun selbst.

The screenshot shows the GeoGebra application window. The title bar reads "GeoGebra". Below it is a menu bar with "Datei", "Bearbeiten", "Ansicht", "Einstellungen", "Werkzeuge", "Fenster", and "Hilfe". A toolbar contains various icons for mathematical operations like equality, approximation, checkmark, exponentiation, parentheses, drawing tools, and functions. Below the toolbar is a toolbar with a dropdown menu showing "T" and a grid icon. The main workspace is a list of eight items, each with a radio button and a mathematical expression:

1	341
2	$2.89 \cdot 10^4$
3	$57.7 \cdot 10^{-1}$
4	
5	$3.06 \cdot 10^4$
6	$13.7 \cdot 10^{-5}$
7	8E3
8	44E-5

Lösung:

The screenshot shows the GeoGebra application window. The title bar reads "GeoGebra". Below it is a menu bar with "Datei", "Bearbeiten", "Ansicht", "Einstellungen", "Werkzeuge", "Fenster", and "Hilfe". A toolbar contains various icons, including an equals sign, approximation symbol, checkmark, a calculator icon showing "15" and "3 * 5", parentheses, a cursor, "x =", "x ≈", a function icon "f'", a graph icon, and a trash can. Below the toolbar is a table with 8 rows, each containing a number in a column and a conversion in another column. The first row is highlighted.

1	341 → 341
2	$2.89 \cdot 10^4$ → 28900
3	$57.7 \cdot 10^{-1}$ → $\frac{577}{100}$
4	\$3 ≈ 5.77
5	$3.06 \cdot 10^4$ ≈ 30600
6	$13.7 \cdot 10^{-5}$ → $\frac{137}{1000000}$
7	8E3 → 8000
8	44E-5 → $\frac{11}{25000}$

Ich hoffe, die Anleitung war
hilfreich!