



# Systemes d'equations

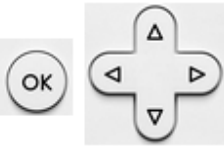
# Numworks

On veut resoudre le systeme  $\begin{cases} 2x - 3y = 5 \\ -x + 6y = 2 \end{cases}$ .


**Saisie du systeme et resolution**


On choisit le modele «  $x + y = 0$  » :




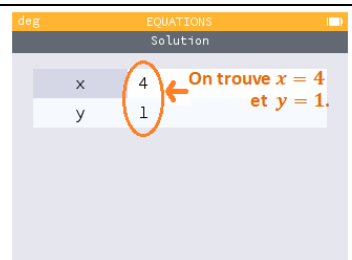
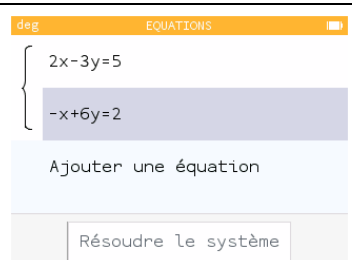
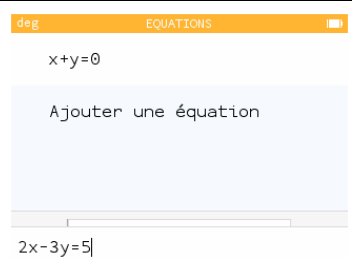
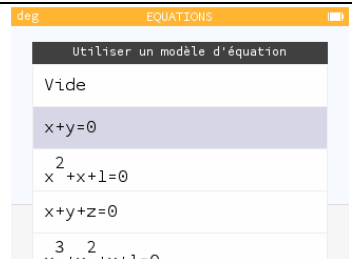
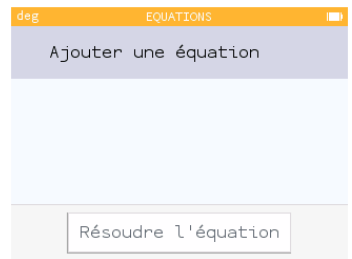
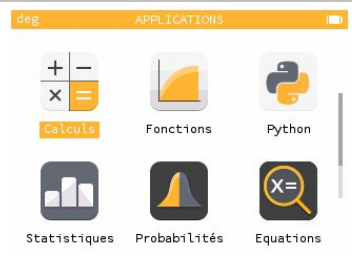
puis on tape la premiere equation :



puis on tape la deuxieme equation puis :

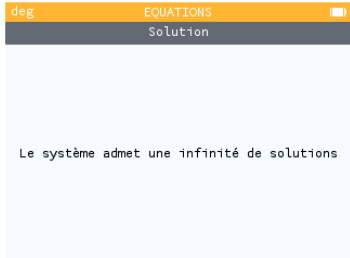


Resoudre le systeme

**Cas particuliers**

- Le systeme  $\begin{cases} 2x - 3y = 5 \\ 4x - 6y = 10 \end{cases}$  admet une infinite de solutions.



- Le systeme  $\begin{cases} 2x - 3y = 5 \\ -4x + 6y = 9 \end{cases}$  n'admet aucune solution.

