

Solving Simultaneous Linear Equations – using the Solve command

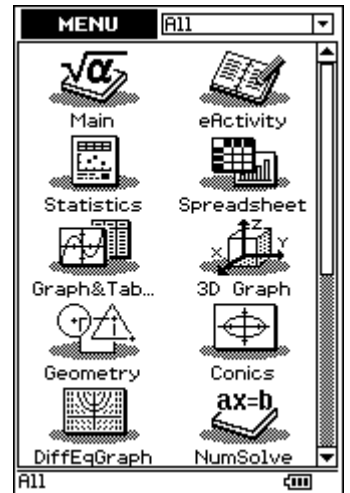
Solve simultaneously:

$$\begin{aligned} 2x - 3y &= -1 \\ x + y &= 7 \end{aligned}$$

These can be solved algebraically in three main ways:

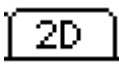
- i. Interactively step by step in the main screen
- ii Using the 2D template
- iii Using the Solve command from the embedded screen menus.

This task uses the third option.

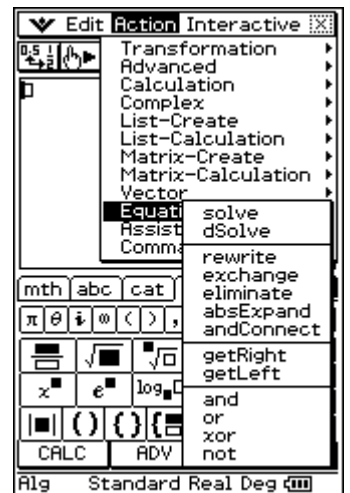


Tap the Main screen icon


Press **Keyboard**

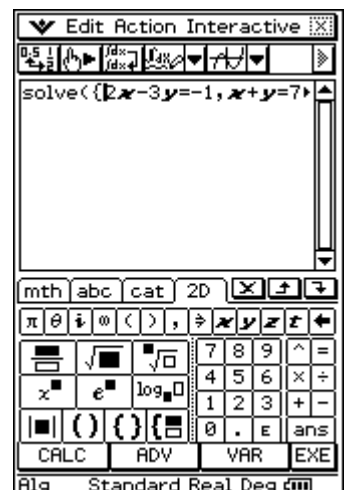
Tap 

Tap **Action, Equation/Inequality, solve**




Enter the equations separated by a comma.

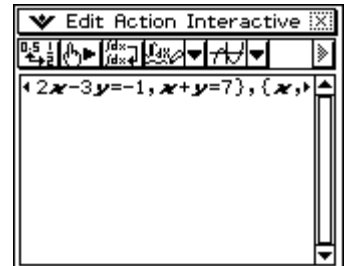
Highlight the equations and tap 



Tap the arrow at the right hand end of the line.

Position the cursor at the end of the line and type x,y

Highlight x,y and tap 



Press or tap **EXE**

This gives the solution $x = 4, y = 3$.

(The curly brackets suggests that this is a set of values)

