

Solving a Quadratic Equation – using the Solve command.

Enter $x^2 + 6x + 5 = 0$ and tap EXE.

Note there may be two, one or no real solutions to a quadratic equation, as shown below.

The calculator screen shows the following sequence of steps:

- Input: $x^2+6x+5=0$
- Command: `solve(`
- Output: $\{x=-5, x=-1\}$

The function key menu (Math1, Math2, Math3, Trig, Var, abc) is visible at the bottom.

The calculator screen shows the following sequence of steps:

- Input: $x^2+6x+9=0$
- Command: `solve(`
- Output: $\{x=-3\}$

The function key menu (Math1, Math2, Math3, Trig, Var, abc) is visible at the bottom.

Remember to use the **Interactive, Advanced, solve** wizard if the variable is not x and change the variable as required.

The calculator screen shows the following sequence of steps:

- Command: `solve`
- Mode: Solve
- Mode: Solve numerically
- Equation: $y^2=9$
- Variable: y

The function key menu (Math1, Math2, Math3, Trig, Var, abc) is visible at the bottom.

The calculator screen shows the following sequence of steps:

- Input: $y^2=9$
- Command: `solve(`
- Output: $\{y=-3, y=3\}$

The function key menu (Math1, Math2, Math3, Trig, Var, abc) is visible at the bottom.