

Open the wolfram web page and type the equation in a precise format as shown below



When you execute the command, Wolfram Alpha will generate the solutions in a human-readable format including the detail step-by-step workouts, functional graphs, final solutions and related queries.

Input:
 $2x^2 + 5x - 1 = 0$

Root plot:

Alternate forms: [More](#)

$$x(2x + 5) = 1$$
$$x(2x + 5) - 1 = 0$$
$$\frac{16}{33} \left(x + \frac{5}{4}\right)^2 = 1$$

Solutions: [Approximate forms](#) [Step-by-step solution](#)

$$x = \frac{1}{4}(-5 - \sqrt{33})$$
$$x = \frac{1}{4}(\sqrt{33} - 5)$$

Number line:

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