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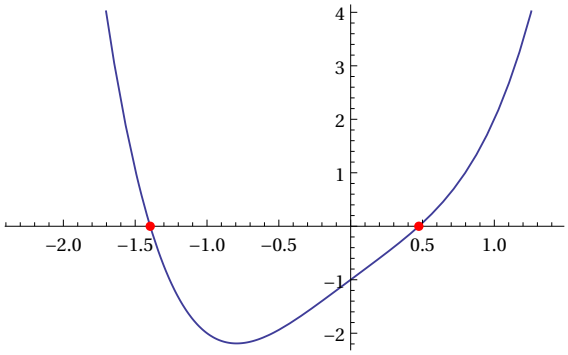
x^4+2*x−1==0

Input:

$$x^4 + 2\,x - 1 = 0$$

Root plot:



Alternate form:

$$x^4 + 2\,x = 1$$

Real solutions: More digits | Exact forms | Step−by−step solution

$$x \approx -1.3953$$

$$x \approx 0.47463$$

Complex solutions: More digits | Exact forms | Step−by−step solution

$$x \approx 0.46036 - 1.13932\,i$$

$$x \approx 0.46036 + 1.13932\,i$$

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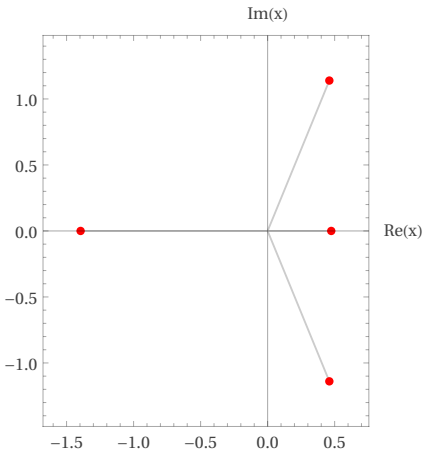
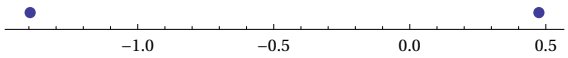
Roots in the complex plane:



Number line:



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