Equation: 4*x**2 + 4*x + 5

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -1/2 - I, -1/2 + I

Equation: 5*x**2 + 10*x + 9

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -1 - 2*sqrt(5)*I/5, -1 + 2*sqrt(5)*I/5

Equation: 3*x**2 + 8*x + 10

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: $-4/3 - \text{sqrt}(14)^*I/3$, $-4/3 + \text{sqrt}(14)^*I/3$

Equation: 5*x**2 + 9*x + 2

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -9/10 - sqrt(41)/10, -9/10 + sqrt(41)/10

Equation: 3*x**2 + 2*x + 10

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -1/3 - sqrt(29)*1/3, -1/3 + sqrt(29)*1/3

Equation: 5*x**2 + 2*x + 2

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -1/5 - 3*I/5, -1/5 + 3*I/5

Equation: 6*x**2 + 10*x + 2

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -5/6 - sqrt(13)/6, -5/6 + sqrt(13)/6

Equation: 6*x**2 + 2*x + 5

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -1/6 - sqrt(29)*I/6, -1/6 + sqrt(29)*I/6

Equation: 8*x**2 + 5*x + 2

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -5/16 - sqrt(39)*I/16, -5/16 + sqrt(39)*I/16

Equation: 7*x**2 + 3*x + 9

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -3/14 - 9*sqrt(3)*I/14, -3/14 + 9*sqrt(3)*I/14

Equation: $2^*x^{**}2 + 10^*x + 5$

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -5/2 - sqrt(15)/2, -5/2 + sqrt(15)/2

Equation: 3*x**2 + 8*x + 3

Solving the equation:

1. Rearrange the equation to isolate the variable.

Example: Move all terms to one side of the equation.

- 2. Determine the coefficient values (a, b, c) from the rearranged equation.
- 3. Apply the quadratic formula to find the solutions.

$$x = (-b \pm \sqrt{(b^2 - 4ac)}) / (2a)$$

Note: Calculate the discriminant (b^2 - 4ac) first.

4. Simplify and compute the solutions.

Solutions: -4/3 - sqrt(7)/3, -4/3 + sqrt(7)/3