

12.3 – Finding Complex Solutions

- Rewrite the equation in the form $ax^2 = c$.
- Isolate x^2 .
- Find square roots using $\sqrt{-1} = i$.

Examples:

1. $5x^2 + 180 = 0$

2. $4x^2 + 25 = 0$

3. $3x^2 = -24$

4. $x^2 + 5 = 0$