

Algebra /

Solving an equation of the form $x^2 = a$ using the square root property...

The image shows handwritten notes on a grid background, divided into two columns by a vertical line. The left column is for equations where $a < 0$, and the right column is for $a \geq 0$.

Left Column (Red and Blue ink):

- $V^2 = -100$ (written in red)
- $V = \pm 10i$ (written in red)
- $-10i, 10i$ (written in red)
- A blue box contains the text "No real solution".

Right Column (Green ink):

- $X^2 = 36$ (written in green)
- $X = \pm 6$ (written in green and boxed)
- $x = -6, 6$ (written in green)
- Examples: $6^2 = 36$ and $(-6)^2 = 36$ (written in green)
- Text: "When you do the $\sqrt{\quad}$ inside an equation, put $\pm$ " (written in green)