$\left(x^{\wedge} 2+9\right)^{\wedge} 1 / 2=5$

## Solution:

$$
\begin{aligned}
& \sqrt{x^{2}+9}=5 \\
& x^{2}+9=5^{2} \\
& x^{2}=16 \\
& x= \pm \sqrt{16} \\
& x= \pm 4
\end{aligned}
$$

## Answer:

There are two solutions: $x=4, x=-4$.

