## Answer on Question \#42288 - Math - Algebra

## Problem.

If 14 subtracted by the number from three times a certain times a certain number, the result is 34 . Find the number.

## Solution.

$3 x \cdot x-14=34$,
$3 x^{2}=48$,
$x^{2}=16$.
As $x$ is not only a certain number, but also a certain number of times, it should be positive. That is why $x=\sqrt{16}=4$.

Answer: 4.

