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.

 $3x \cdot x - 14 = 34$, $3x^2 = 48$, $x^2 = 16$. 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.