

Answer on Question #39767 – Math – Algebra

A number decreased by 30 is the same as 14 decreased by 3 times the number. Find the number.
Explain!

Solution:

Let x be our number.

$x - 30$ be a number decreased by 30.

$14 - 3x$ be 14 decreased by 3 times the number.

Then

$x - 30 = 14 - 3x$, whence

$4x = 44$,

$x = 11$.

Answer: 11.