

## Answer on Question #50623 - Math - Algebra

### Question

The length of a rectangle is 13 feet more than three times the width of the rectangle. The length is 314 feet. Find the width rounded-off to one decimal.

### Solution

Let the width of the rectangle be  $x$  feet. Then the length of the rectangle will be  $(3x + 13)$  feet.

So we come to the following equation:

$$3x + 13 = 314,$$

$$x = \frac{314 - 13}{3} = 100.3 \text{ (feet)}.$$

**Answer:** 100.3 feet.