Answer to the Question #89199 – Math – Algebra

Question

Ronna bought some cans of paint and 5/8 of a liter of special paint additive formulated to reduce mildew. Before painting her house, she used all of the additive to put 1/8 of a liter of additive in each can. How many cans of paint did Ronna buy?

Solution

Let the number of cans = x

The quantity of additive mixed in each liter= 1/8

Total additive mixed = 5/8 liter

So, x (1/8)= 5/8

Cross multiplication will give x= 8 (5/8)

$\qquad\qquad\qquad\qquad$ = 5 cans

Therefore, she purchased 5 cans of paint.

Answer: 5 cans of paint.