

Question 25874

A bedroom with a wall area of 3528 square meters is to be covered by wallpaper. if the size of a roll wallpapers is 12 meters long and 42 meters wide, how many roll of wallpapers are needed to cover this area?

Solution.

We can cover $42 \cdot 12 = 504m^2$ by one roll. Then to cover the wall we need $3528 : 504 = 7$ rolls.

Answer. 7rolls.