

If a 50 ml of water contains 15% chlorine, how much water must be added to create a 10% chlorine solution?

Question:

A. 10 ml

B. 15 ml

C. 20 ml

D. 25 ml

Answer:

Amount of chlorine =
$$\frac{15}{100} \times 50$$
 = 7.5 ml

Let the final volume of solution - nml

=> n = 75 ml