

How many grams of sodium chloride would be needed to make 0.100L of 2.00 m NaCl?

**Solution.**

$$C(\text{NaCl}) = \frac{n(\text{NaCl})}{V}$$

$$2 = n(\text{NaCl})/0.1$$

$$n(\text{NaCl}) = 0.2$$

$$m(\text{NaCl}) = 58.5 * 0.2 = 11.7 \text{ g}$$

**Answer.** 11.7 g

Answer provided by [www.AssignmentExpert.com](http://www.AssignmentExpert.com)