

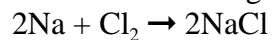
MSC 1012 questions for Chapter 12 set 4

Reactions (reaction stoichiometry⁽²⁾):

NAME _____

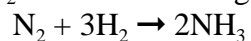
Calculate the amount of product in each of the following reactions.

a) 32.0 g of Na reacts with enough Cl to yield NaCl according to the reaction:



ANS: _____ g of NaCl

b) 100 g of H₂ reacts with enough N₂ to yield NH₃ according to the reaction:



ANS: _____ g of NH₃

⁽¹⁾ This is the proper terminology when discussing mass amounts in a reaction.