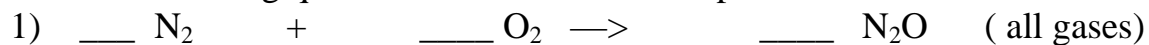


Practice - Mole-Mole & Volume-Volume Problems

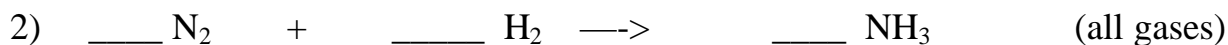
Name _____ Per _____

Fill in the missing quantities and solve the two problems at the bottom.



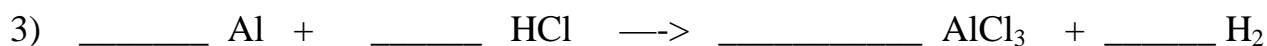
10 moles + ___ moles → ___ moles

___ L + 2.4 liters → ___ L



___ moles + 1.5 moles → ___ moles

7.5 liters + ___ L → ___ L

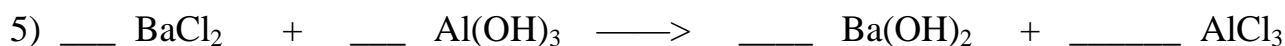


___ + ___ → 1.8 moles + ___



5 moles → ___ + ___

(N.A.) L → 1.2 liters + ___ L



___ + ___ → ___ + 0.048 mole

6) 8.00 moles of potassium chlorate are heated and decomposes into potassium chloride and oxygen gas. How many moles of each product are produced?

7) 56.0 liters of methane are combined with oxygen producing only carbon dioxide and water vapor. Find the moles and volumes of all substances involved at STP.