Relationships Derived from a Balanced Chemical Equation

1. Complete the missing information in the tables given below.

Table 7.1.1

Chemical Equation	$N_2(g)$	+	$2O_2(g)$	→	$2NO_2(g)$
Molecules			2 Molecules		
Moles	1 Mole				
Mass					92 grams

2. Balance the Chemical Equation and then complete the missing information in the tables given below.

Table 7.1.2

Chemical Equation	$I_2(s)$	+	$Br_2(l)$	→	$IBr_3(g)$
Molecules					
Moles					
Mass					