CHEMISTRY	Name	
QUIZ: Balance Equations (A)	Period	Date

Balance the equations for the following reactions by writing the appropriate coefficient in front of each compound formula. Use the back or scratch paper to work them out if necessary.

1. ____ H₂O₍₁₎ + ____ CO_(g) \rightarrow ____ H₂(g) + ____ CO₂(g)

2. ____ KClO_{3 (s)} \rightarrow ____ KCl_(s) + ____ O_{2 (g)}

3. ____ HCl $_{(g)}$ + ____ Ca(OH)_{2 (s)} \rightarrow ____ CaCl_{2 (s)} + ____ H₂O $_{(l)}$

Identify how many hydrogen atoms are in each compound set represented below

4	6 H ₂ SO ₄	6 $3 H_2O + 2 NH_3$
5	2 CH ₄	7 MgH ₂ + H ₂ O ₂

 CHEMISTRY
 Name

 QUIZ: Balancing Equations (A)
 Period _____ Date ____

Balance the equations for the following reactions by writing the appropriate coefficient in front of each compound formula. Use the back or scratch paper to work them out if necessary.

· •

1. _____BeI_{2 (aq)} + _____Sn(NO₃)_{4 (aq)} \rightarrow ____Be(NO₃)_{2 (aq)} + _____SnI_{4 (aq)}

2. ____ CH_{4 (g)} + ____ O_{2 (g)} \rightarrow ____ CO_{2 (g)} + ____ H₂O (g).

3. $Al_{(s)} + Br_{2(l)} \rightarrow AlBr_{3(s)}$

Identify how many nitrogen atoms are in each compound set represented below

 4. _____ 2 Al(NO_3)_3
 6. _____ N_2O_4 + 3 NH_3

 5. _____ 6 Cu_3N_2
 7. _____ 4 HNO_3 + Ca_3 N_2