Chemical Equations Worksheet

Complete the charts provided for each equation . Draw your own chart for the rest. Decide if each equation is balanced or unbalanced

$AgNO_3 + H_2S \rightarrow Ag_2S + 2HNO_3$

Reactants	# of Atoms	Products	# of Atoms

Balanced? If No, why not?

$Al + N_2 \rightarrow 2AlN$

Reactants	# of Atoms	Products	# of Atoms

Balanced? If No, why not?

$Mg + AgNO_3 \rightarrow Mg(NO_3)_2 + Ag$

$CaO + CO_2 \rightarrow CaCO_3$

$Fe_2O_3 + H_2 \rightarrow 2Fe + 3H_2O$

Reactants	# of Atoms	Products	# of Atoms

Balanced? If No, why not?

$Mg(ClO_3)_2 \rightarrow MgCl_2 + O_2$

Reactants	# of Atoms	Products	# of Atoms

Balanced? If No, why not?

$CaCO_3 \rightarrow CaO + CO_2$

Reactants	# of Atoms	Products	# of Atoms

Balanced? If No, why not?