Chem I Blizzard day assignment #1 (February 18, 2015) due two weeks (March 4th)

For each of the reactions below, balance the equation and indicate which type of reaction it is. Types of reaction: combustion, single replacement, double replacement, decomposition or synthesis.

Type of reaction:

1. ___ Zn + ___ $SnCl_2$ → ___ Sn + ___ $ZnCl_2$
2. ___ $Cu(NO_3)_2$ + ___ Na_2S → ___ CuS + ___ $NaNO_3$
3. ___ $Al(OH)_3$ + ___ H_2SO_4 → ___ $Al_2(SO_4)_3$ + ___ H_2O
4. ___ C_2H_4 + ___ O_2 → ___ CO_2 + ___ H_2O
5. ___ Ag + ___ S → ___ Ag_2S
6. ___ Na + ___ O_2 → ___ Na_20
7. ___ SF_6 → ___ S + ___ F_2
8. ___ Al + ___ $CuSO_4$ → ___ Cu + ___ $Al_2(SO_4)_3$
9. ___ $Pb(NO_3)_2$ + ___ NH_4Cl → ___ $PbCl_2$ + ___ NH_4NO_3
10. ___ C_6H_{14} + ___ O_2 → ___ CO_2 + ___ H_2O
11. ___ Al_2O_3 + ___ H_2O → ___ $Al(OH)_3$
12. ___ Fe_2O_3 → ___ Fe + ___ O_2