Classify the following reactions as single or double displacement and choose the correct coefficients to balance them.

1. $Zn\ (s) + \quad CuSO_4\ (aq) \rightarrow \quad Cu\ (s) + \quad ZnSO_4\ (aq)$
2. $Ba\ (NO_3)_2\ (aq) + \quad Na_2SO_4\ (aq) \rightarrow \quad BaSO4\ (s) + \quad NaNO_3\ (aq)$
3. $CoCl_2\ (aq) + \quad Na\ (s) \rightarrow \quad NaCl\ (aq) + \quad Co\ (s)$
4. $Zn\ (s) + \quad HCl\ (aq) \rightarrow \quad ZnCl_2\ (aq) + \quad H_2\ (g)$
5. $BaCl_2\ (aq) + \quad CuSO_4\ (aq) \rightarrow \quad BaSO_4\ (s) + \quad CuCl_2\ (aq)$
6. $AgNO_3\ (aq) + \quad Cu\ (s) \rightarrow \quad CuNO_3\ (aq) + \quad Ag\ (s)$
7. $NaNO_3\ (aq) + \quad K\ (s) \rightarrow \quad KNO_3\ (aq) + \quad Na\ (s)$
8. $Na_2\ SO_4\ (aq) + \quad SrCl_2\ (aq) \rightarrow \quad NaCl\ (aq) + \quad SrSO_4\ (s)$

LIVEWORKSHEETS