Unit 5, Video 6: Double Replacement Reactions

1. In the space below, write the general formula for a double replacement reaction.

2. Describe how to recognize a double replacement reaction.

3. True or False: The compounds in double replacement reactions always have the positive ion written first, followed by the negative ion.

4. True or False: The subscripts on the products side of a double replacement reaction come from copying the subscript on the reactants side of the reaction.

5. True or False: The subscripts in a double replacement reaction come from crossing down the charges of the individual ions in the compound.

6. True or False: Polyatomic ions generally break apart into their individual atoms in a double replacement reaction.

7. Reactants are given for the following double replacement reactions. Use the general formula for a double replacement reaction to predict the products. Be sure to balance the equations.
    - $MgO + KCl \rightarrow$
    - $NaBr + CaS \rightarrow$
    - $KOH + NaCl \rightarrow$