

NAME: _____ BLOCK: _____ DATE: _____

Predicting Products: Single Replacement Reactions

Translate into formulas and predict the products of the following reactions. Use the activity series as your guide. If no reaction occurs, write "N.R."

1. Magnesium metal reacts with an aqueous solution of zinc nitrate.
2. Metallic zinc is combined with a solution of lithium nitrate.
3. Lithium metal is placed in water.
4. Copper is combined with a dilute solution of sodium chloride.
5. A solution of copper (II) sulfate is poured onto zinc powder.
6. Sodium metal is dropped into water.
7. Aluminum metal is combined with aqueous iron (III) bromide.

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Predict the products of the following equations. If no reaction occurs, write N.R.

