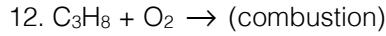
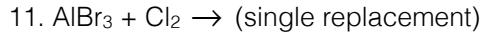
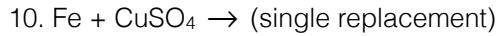
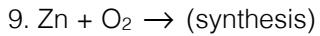
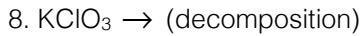
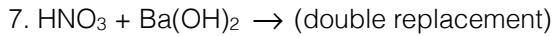
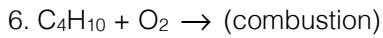
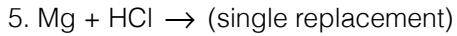
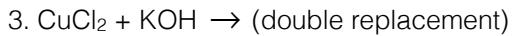
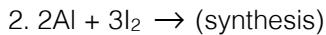
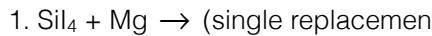


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## predicting products of chemical reactions - practice problems

**Directions:** Predict the products for, and then *balance* each of the following chemical reactions:



**Directions:** Predict the products for, and then *balance* each of the following chemical reactions:

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15. Sodium metal reacts with hydrochloric acid,  $\text{HCl}$ , and produces hydrogen gas as one of the products.

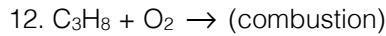
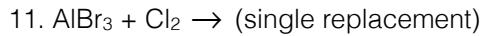
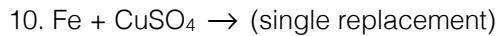
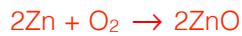
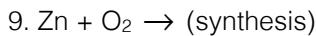
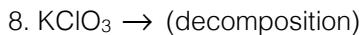
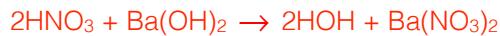
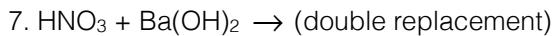
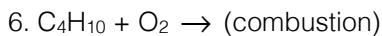
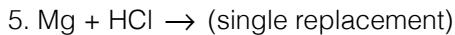
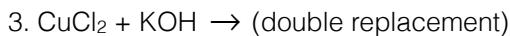
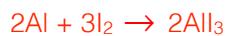
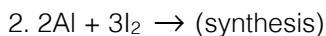
16. Solutions of tin (II) nitrate and potassium hydroxide are combined.

17. Beryllium silicate is heated (decomposition).

18. Octane,  $\text{C}_8\text{H}_{18}$ , is burned in the presence of oxygen gas.

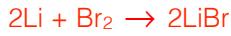
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