

Unit 7: Chemical Formulas and Reactions
Intro to Balancing Chemical Equations

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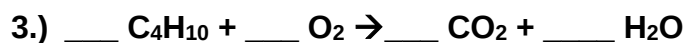
Balance the following chemical equations and indicate the type of reaction.



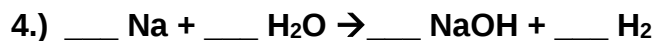
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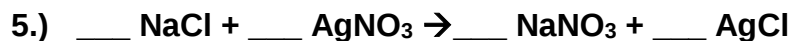
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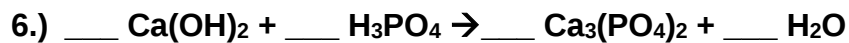
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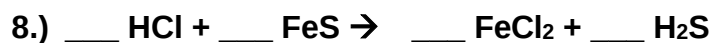
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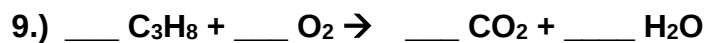
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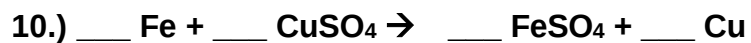
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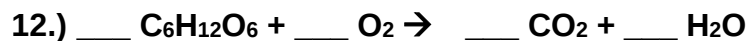
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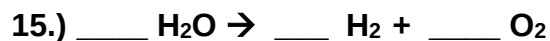
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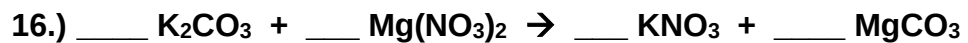
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17.) Write the balanced chemical equation for the following:

Solid sodium metal reacts with liquid water to form aqueous sodium hydroxide and hydrogen gas.

18.) Write the balanced chemical equation for the following:

Methane gas burns in the presence of oxygen gas to form carbon dioxide gas and water vapor.