

Name : \_\_\_\_\_ Date : \_\_\_\_\_

## Writing and Balancing Equations

Write and balance the following chemical equations.

- 1) When dissolved beryllium chloride reacts with dissolved silver nitrate in water, aqueous beryllium nitrate and silver chloride powder are made.
- 2) When isopropanol burns in oxygen, carbon dioxide, water, and heat are produced.
- 3) When dissolved sodium hydroxide reacts with sulfuric acid, aqueous sodium sulfate, water, and heat are formed.
- 4) When fluorine gas is in contact with calcium metal at high temperatures, calcium fluoride powder is created in an exothermic reaction.
- 5) When sodium metal reacts with iron (II) chloride, they form iron and sodium chloride.
- 6) Zinc and lead (II) nitrate react to form zinc nitrate and lead.
- 7) Aluminum bromide and chlorine gas react to form aluminum chloride and bromine gas.
- 8) Sodium phosphate and calcium chloride react to form calcium phosphate and sodium chloride.

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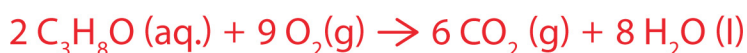
# Writing and Balancing Equations

## Answers

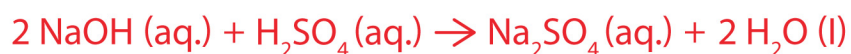
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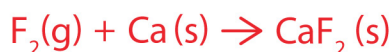
- 2) When isopropanol burns in oxygen, carbon dioxide, water, and heat are produced.



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- 6) Zinc and lead (II) nitrate react to form zinc nitrate and lead.



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