

CONCEPT: PRODUCTION OF HYDROGEN

- There are several reactions that produce hydrogen gas. We will take a look at 2 reactions.

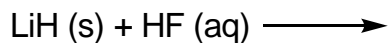
From Ionic Hydrides

- Ionic hydrides can be used as a source of H₂.
 - Due to _____ nature of H⁻, it reacts with _____ or _____ to form H₂ gas.

H₂ from Ionic Hydrides



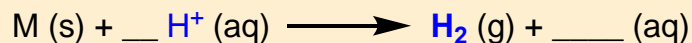
EXAMPLE: Complete and balance the following reaction.



From Metal and Acid

- When reactive metals react with _____ or _____, metal is oxidized and H₂ is formed.

H₂ from Metal & Acid

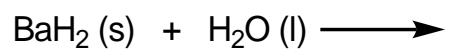


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PRACTICE: Complete and balance given reaction.



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