

The Haber Process

Do some research regarding the Haber Process to help you answer the following questions, take a look at the Useful Links section of the school website as a starting point:

4. What can ammonia be used for?
5. Write a balanced chemical equation for the Haber Process.
6. Examine the image to the right. Describe how Haber manipulated each of the following factors to produce an optimal yield of ammonia. Using Le Châtelier's Principle, explain which direction (forward or reverse) each change would favour.
 - a. temperature
 - b. pressure
 - c. concentration
7. What else did Haber do to achieve a reasonable reaction rate for this process?
8. Why was the development of the Haber Process a significant factor in World War I?

