

Worksheet: Le Châtelier's Principle

1. Restate Le Châtelier's Principle in your own words.

2. Consider the exothermic system: $\text{N}_2 + 3\text{H}_2 \leftrightarrow 2\text{NH}_3$

Which way does the reaction shift when the following changes occur:

a. Add nitrogen

b. Remove hydrogen

c. Add ammonia

d. Decrease temperature

e. Add catalyst
