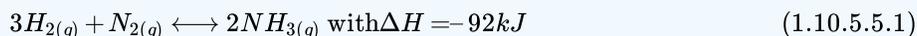


1.10.5.5: Practice Le Chatelier's Principle

Exercise 1.10.5.5.1



Determine whether each of the changes below would cause the equilibrium above to shift left, shift right, or have no shift.

- add N_2
- increase temperature
- add catalyst
- remove H_2
- increase volume

Answer

a. shift right; b. shift left; c. no shift; d. shift left; e. shift left

Exercise 1.10.5.5.1



Determine whether each of the changes below would cause the equilibrium above to shift left, shift right, or have no shift.

- add O_2
- increase temperature
- add catalyst
- remove SO_3
- increase volume

Answer

a. shift right; b. shift left ; c. no shift; d. shift right; e. shift left

Exercise 1.10.5.5.1



Determine whether each of the changes below would cause the equilibrium above to shift left, shift right, or have no shift.

- remove O_2
- increase temperature
- add catalyst
- add NO
- increase volume

Answer

a. shift left; b. shift right; c. no shift; d. shift left; e. no shift

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