

Answer on Question #77040 - Chemistry - Physical Chemistry

Question:

Which one of the following processes produces a decrease in the entropy of the system?

- A) melting ice to form water
- B) boiling water to form steam
- C) freezing water to form ice
- D) dissolution of solid KCl in water
- E) mixing of two gases into one container

Solution:

Freezing water to form ice is the processes produces a decrease in the entropy of the system.

Answer: C) freezing water to form ice

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