

CONCEPT: HAMMOND POSTULATE

□ The Hammond-Postulate more accurately describes what transition states look like. *Paraphrased version:*

"Transition states most closely resemble the species with the _____ energy"

- Transition state that resembles reagents = _____
- Transition state that resembles products = _____

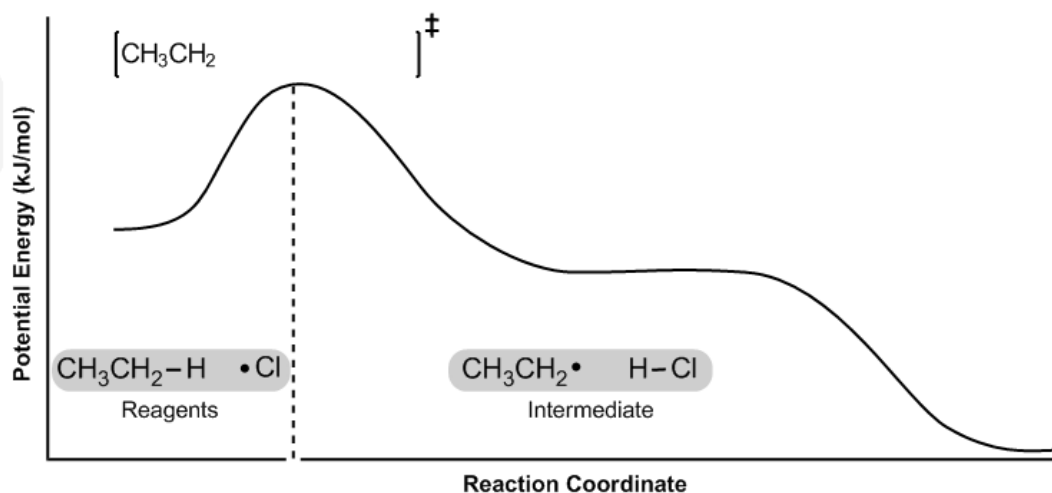
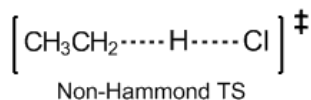
EXAMPLE: Determine which species has higher energy in the following reactions. Identify the transition state as early or late, and correctly draw it.

Radical Chlorination



↑E = Reagents / Intermediate

Transition State = _____



Radical Bromination



↑E = Reagents / Intermediate

Transition State = _____

