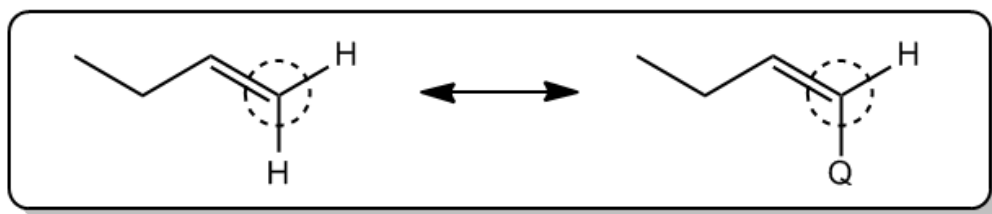


CONCEPT: ^1H NMR – PROTON RELATIONSHIPS

d. E / Z Diastereoisomerism

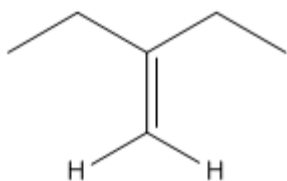
Q-Test **DOES** yield new trigonal center *on terminal double bonds*



- Protons are **always diastereotopic** and are _____ (Each proton gets its own signal)

EXAMPLE: How many peaks will each molecule possess in ^1H NMR?

a.



b.

