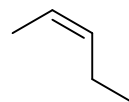
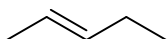
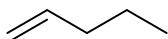


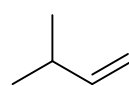
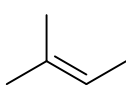
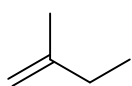
## Answers to Exercise 10.4 Stereoisomers

1.



trans

cis



*The alkenes not labeled "cis" or "trans" are all "neither".*

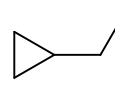
2.



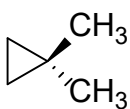
achiral



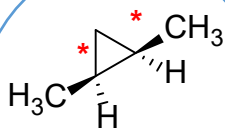
achiral



achiral

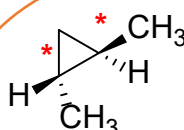


achiral

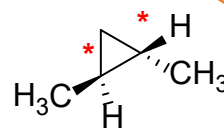


achiral

cis



chiral



chiral

trans