

CH0310, ORGANIC CHEMISTRY I

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Quiz 12, Take home, due midnight *Monday*, April 13, 2009

Submit the quiz in pen, or Xerox/fax/scan your pencil copy

Hand in before/after class on Monday

Drop off at 1101 CSC (before 5 pm Monday)

Fax to 412-624-9861 (till midnight Monday)

Email to lynnec@pitt.edu (till midnight Monday, *pdf file only!*)

Addition Reactions of Alkenes

To prepare:

- read Chapter 12
- review lecture notes for April 3, 6, 8, and 10
- Do problems 28–45 in Chapter 12

You need to know the basic addition reactions of alkenes. Be sure to carefully review stereochemical aspects. Does a given addition occur syn, anti, or both? What are the consequences of this on product formation? The quiz will not ask for mechanisms, but you *will* need to know these for the test.

NAME

SIGNATURE

Addition Reactions of Alkenes

- 1) Show all the expected product(s) from the following reactions of the indicated alkenes. Be sure to clearly indicate stereochemistry, if relevant. (10 points)

