

PSET 12, Problem 1

(A): Top Right, Bottom Right

Problem 2

(A): (a) Octane

(b): 2-methylhept-3-ene

Problem 3

- (A): (a): Option 3
(b): Option 3

Problem 4

(A) (a): A double bond

A strong base to initiate the reaction

An electron withdrawing group near the double bond

(b): F



problem 5

(A): (a): option 3

(b): option 1

(c): option 3

(d): option 2

Problem 6

(A): (a): Liquid

β -phase

~~Sc-rich α -phase~~

(b): α -phase

3: Sc-rich α -phase

Nd-rich "

(b): Option 4

(c): 0.26

Problem 7

(A): ca: 550

(B): Al

(C): Al₂

(D): Liquid

(E): Al