

H				He
C	N	O	F	Ne
Si	P	S	Cl	Ar

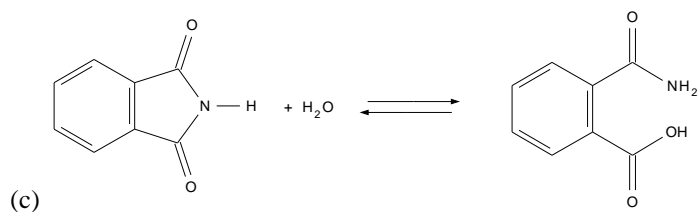
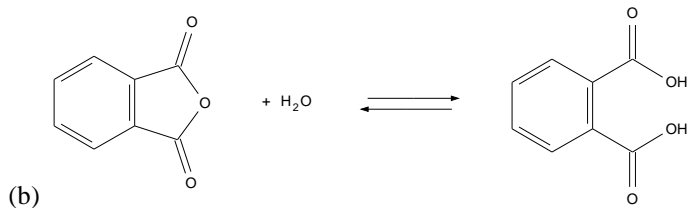
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CHEM 20482 - Basic Organic Chemistry II - Spring 2009

Quiz #5 - 0 Points

1. Indicate whether equilibrium favors reactants or products for each of the following reactions.

(a) ethyl acetate + methylamine \rightleftharpoons *N*-methylacetamide + ethanol



2. Draw the structure of the major organic product expected from each of the following chemical reactions.

(a) methyl benzoate + water \rightleftharpoons

(b) methyl benzoate + OH⁻¹ \rightleftharpoons

(c) acetic anhydride + methanol \rightleftharpoons

(d) CH₃CH₂C(O)Cl + CH₃SH \rightleftharpoons

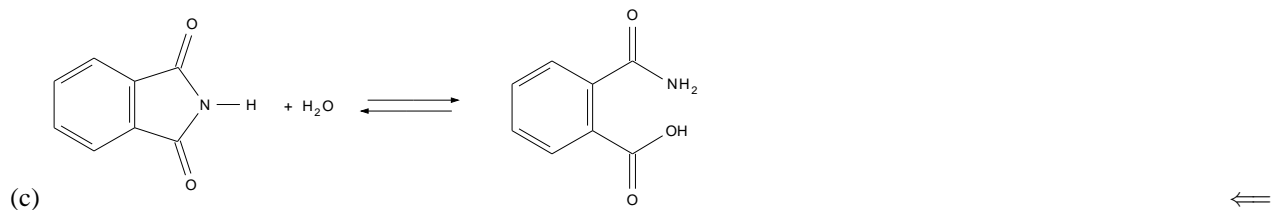
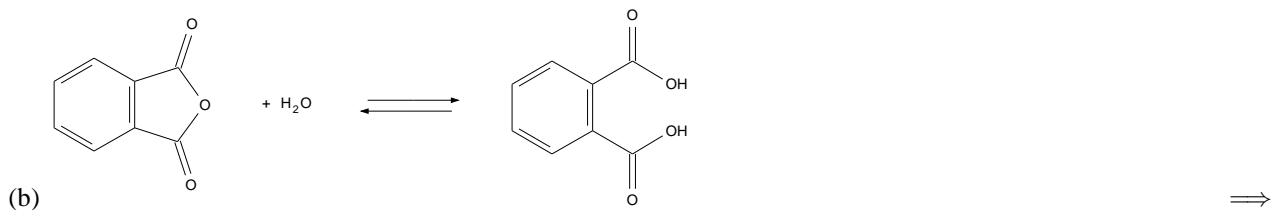
(e) ethyl propanoate + CH₃NH⁻¹ \rightleftharpoons

(f) ethyl propanoate + Cl⁻¹ \rightleftharpoons

CHEM 20482 - Basic Organic Chemistry II - Spring 2009 Quiz #5 Key

1. Indicate whether equilibrium favors reactants or products for each of the following reactions.

(a) ethyl acetate + methylamine \rightleftharpoons *N*-methylacetamide + ethanol \Rightarrow



2. Draw products.

