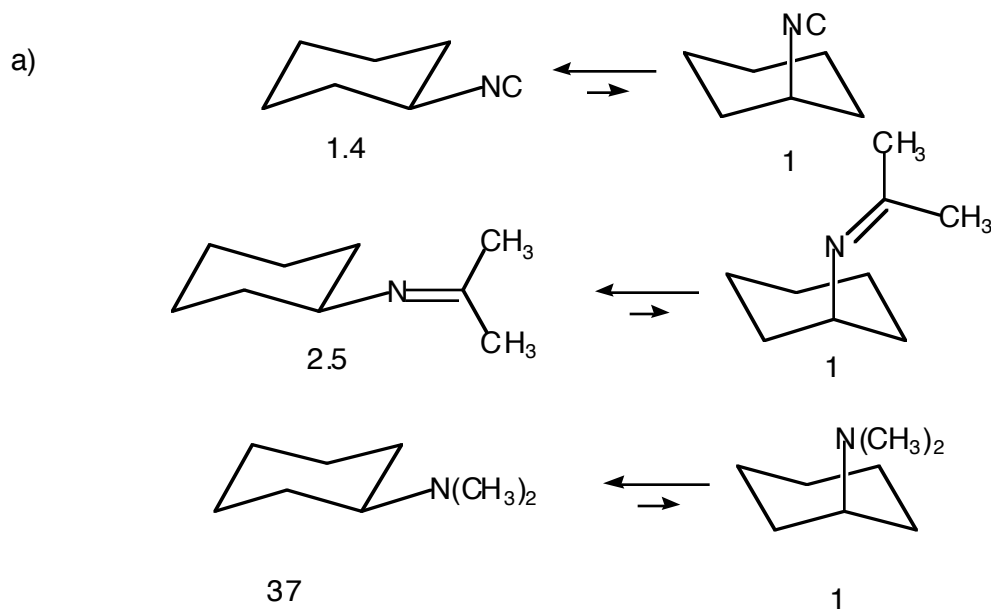Problem 44, Chemistry 301X - 2006

In the following examples of axial-equatorial equilibria, explain the increasing amount of the equatorial isomer as you go down the series.

a)

1.4   1

2.5   1

37   1

b)

In the following examples of axial-equatorial equilibria, explain the decreasing amount of the equatorial isomer as you go down the series.

17   1

10   1

4   1