

02/22/02

- Shortened Office Hour today
- Exam Results and *Post Mortem*
- Quizzes and Demos return next week!
- *Thinkwell* lecture list is now up to date

1

Exam # 1 Results

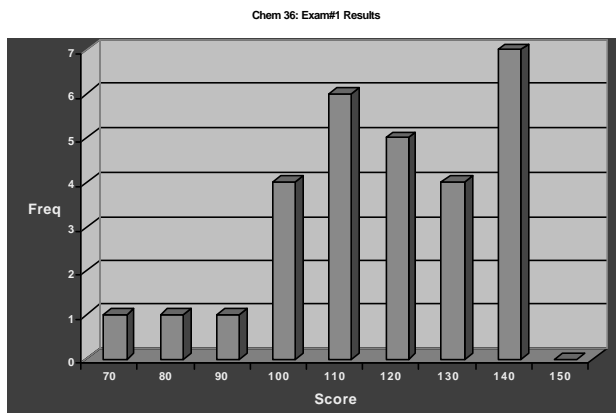
Range:

58 - 140

Average:

110/150

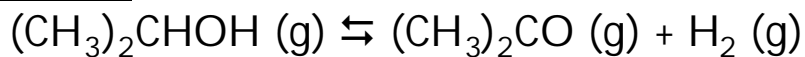
(74%)



2

Calculating Equilibrium Activities

Example:



$$K = 0.444 \text{ (at 452 K)}$$

Calculate: equilibrium pressures if we start out with 1.000-g isopropanol in a 2.00-L vessel, at 452 K

Convert to *pressure*:

$$P_{iso} = nRT/V = \mathbf{0.3086 \text{ atm}}$$

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