

CHEM 3530
Chapters 5
- Homework Answers

- 5.1 (a) Yes
(b) $T = 710 \text{ K} = 437 \text{ }^\circ\text{C}$
- 5.2 (a) $\Delta_{\text{vap}}H^\circ = 37.76 \text{ kJ/mol}$
(b) $P = 7.5 \text{ kPa}$
(c) $T = 353 \text{ K} = 80 \text{ }^\circ\text{C}$
- 5.3 $\Delta H = -85.6 \text{ kJ}$
- 5.4 $P = 9100 \text{ bar}$
- 5.5 (a) A
(b) D
(c) A
(d) D
(e) B
(f) A