

CHEM 1423
Chapters 13
Homework Answers

TEXTBOOK HOMEWORK

13.42 (a) 0.075 M

(b) 0.36 M

13.47 (a) 0.90 m

(b) 1.21 m

13.49 4.50 m

13.53 (a) $X = 0.29$

(b) mass% = 59%

(c) $m = 23 \text{ m}$

13.55 (a) $m = 5.11 \text{ m}$

(b) $M = 4.54 \text{ M}$

(c) $X = 0.0843$

13.72 23.4 torr

13.76 79.5 °C

13.80 (a) 1.85

(b) 1.02

SUPPLEMENTARY HOMEWORK

- S1. C
- S2. B
- S3. D
- S4. E
- S5. A
- S6. 110.4 g
- S7. 113 g/mol
- S8. (a) 52.8%
(b) 7.28 M
- S9. 128 g/mol