

Unit 2

① $5x^2 - 11x - 3$

② $-x^4 - x^3 - 5x^2 + 3x - 13$

③ $-x^2 - 2x - 2$

④ LC: -3
Deg: 4th Quartic
Constant: 12

⑤ $16x^4 - 96x^3 + 216x^2 - 216x + 81$

⑥ 24

⑦ $-405x^4$

⑧ $2x^2 + x + 3 - \frac{2}{x-2}$

⑨ a) yes d) NO
b) NO e) yes
c) NO f) NO

g) 1 ; -4 other root

⑩ $-x^2 + 1$

⑪ $x^2 - 3x + 3$

⑫ $-2x^4 - 2x^2$

⑬ $9x^2 - 12x + 5$

⑭ $-6x^2 - 2$

⑮ -10

⑯ -26

⑰ $\frac{x+2}{3}$

⑱ See Mrs. Mitchell
for help

⑲ NO