

Week 8 Activities

1. Use GSP, WinGeom or the graphing calculator to convert the following Standard form to Factored form,

$$y = x^3 - 3x^2 + 2x - \frac{1}{4}$$

2. Use GSP, WinGeom or the graphing calculator to convert the following Standard form to Factored form,

$$y = x^3 + 5x^2 + 3x - 1$$

3. Use GSP, WinGeom or the graphing calculator to convert the following Standard form to Factored form,

$$y = 2x^3 + 5x^2 + 3x - 1$$

4. Use GSP, WinGeom or the graphing calculator to convert the following Standard form to Factored form,

$$y = 5x^3 + 4x^2 - 4x - 5$$

5. Do Exercise 2.2.1 or 2.2.2 from the text (pages 100–104).
6. Do Exercise 2.2.3 from the text (page 104).
7. Do Exercise 2.2.4 from the text (page 104).
8. Do Exercise 2.2.5 from the text (page 104).