HW41

6. Solve the equation $x^5 + 243 = 0$

Leave your answers in trigonometric form.

for all complex roots.

• Read pages 449 – 451.

7. Solve the equation $x^3 = -4\sqrt{2} - 4i\sqrt{2}$

Leave your answers in trigonometric form.

for all complex roots.

• p. 452: 70, 75, 119, 127 (hint: raise it to the 6th power), 141 (leave in trig form), 152 (leave in trig form), 158, 159