... if I couldn't formulate a problem in economic theory mathematically, I didn't know what I was doing.

R. Lucas

Lecture 8 and 9
Sec. 4.7, 3.4-5, 2.6:
Polynomial division. Factorisation. Rational and radical equations. Inequalities.

Here are recommended exercises from the textbook [SHSC].

Section **4.7** exercise 1-6
Section **3.4** exercise 1, 2a, b, d
Section **3.5** exercise 2-4
Section **2.6** exercise 1-3, 5