

**EBA1180 Mathematics for Data Science**  
**autumn 2023**  
**Exercises**

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

R. Lucas

**Lecture 6 and 7**

**Sec. 3.1-3, 4.7:**

**Linear and quadratic equations. Equations with parametres. Polynomial equations.**

Here are recommended exercises from the textbook [SHSC].

Section **3.1** exercise 1-5

Section **3.2** exercise 2a, b, e, 4a, 5a, c

Section **3.3** exercise 1, 2, 6

**Repetition** (I have translated them, see It's Learning under «Lecture 5»)

Multiple choice exam 2017 autumn, problem 1-4

Multiple choice exam 2018 spring, problem 1, 2 and 4