## MA0301
## ELEMENTARY DISCRETE MATHEMATICS
## NTNU, SPRING 2022

SET 7

**Deadline: Monday 07.03.2022, 23:59**

**Exercise 1.** *Lewis, Zax: Exercise 4.1.*

**Exercise 2.** *Lewis, Zax: Exercise 4.2.*

**Exercise 3.** *Lewis, Zax: Exercise 4.5.*

**Exercise 4.** *Use strong induction to show that any positive integer greater than 1 can be written as a product of primes.*

**Exercise 5.** *Lewis, Zax: Exercise 8.1.*

**Exercise 6.** *Lewis, Zax: Exercise 8.4.*

**Exercise 7.** *Lewis, Zax: Exercise 13.1.*

**Exercise 8.** *Lewis, Zax: Exercise 13.3.*