

DM549, DS(K)820, MM537, and DM547

Exercise Sheet 6 (Week 39-2)

Before the session

Solve the following exercises (you are welcome to do so in your study group):

1. Section 5.1:

- Exercise 10

2. Section 2.1

- Exercise 2 a, b
- Exercise 7
- Exercise 13
- Exercise 21
- Exercise 23

During the session

Solve the following exercises in your study group:

1. Section 2.2:

- Exercise 3
 - Exercise 14
 - Exercise 16 a, e
- Use Venn diagrams.

2. Draw a Venn diagram with two arbitrary sets $A, B \subseteq U$. Which parts of the Venn diagram does the set $\{x \in U \mid x \in A \Rightarrow x \in B\}$ correspond to?

3. Time for the Kahoot!

4. Section 5.1:

- Exercise 23