

Recommended Problems

A copy of Basic Discrete Mathematics is available on reserve at the Library.

At the back of the book are full solutions.

Recommended Problems:

§ 5.2 Fundamental Counting Principles
all exercises 5.2.1 & 5.2.25

§ 5.3 Factorials and Permutations
5.3.1, 5.3.2, 5.3.5, 5.3.6, 5.3.7, 5.3.9.

§ 5.4 Permutations without Repetition
5.4.1, 5.4.3, 5.4.4, 5.4.5, 5.4.6,
5.4.7, 5.4.9, 5.4.11, 5.4.13.

§ 5.6 Permutations with Repetition
5.6.3, 5.6.4, 5.6.5, 5.6.8, 5.6.10.
5.6.11.
← excellent one!

§ 5.7 Combinations
5.7.1, 5.7.2, 5.7.7 - 5.7.25

§ 5.8 Permutations with Repetition of Indistinguishable Objects.
5.8.1, 5.8.3, 5.8.4, 5.8.5, 5.8.6,
5.8.7, 5.8.8, 5.8.15, 5.8.16, 5.8.17
5.8.18.

§ 5.11 Review 5.11.15, 5.11.18, 5.11.22.