

M 10 In-class Exercises

- ① Problem 15.2 from text.
- ② Problem 15.3 from text.
- ③ Problem 15.5 from text.
- ④ Problem 15.12 from text.
- ⑤ Problem 15.13 from text.
- ⑥ Problem 15.15 from text.
- ⑦ Problem 15.28 from text.
- ⑧ Problem 15.33 from text.
- ⑨ Problem 15.34 from text.
- ⑩ Problem 15.37 from text.
- ⑪ Problem 15.38 from text.
- ⑫^{a)} How many nonnegative integer solutions are there for $x_1 + x_2 + x_3 = 10$?
 - b) How many nonnegative integer solutions are there for $x_1 + x_2 + x_3 \leq 10$?
 - c) How many nonnegative integer solutions are there for $x_1 + x_2 + \dots + x_m \leq k$?