

NOTES FOR EXERCISES IN SESSION 3

- 4:14,78; x:4; 4:26,48,75,76,71,107,108,122,123
(4:9,10,52,56,73,92,115; x:5,6); note recommended order,
- again many extras \sim specific types of questions.

Outline of lab session:

- further lecturing: Distributions and Random variables
(3L–14/15/16/17):
 - * including rules for mean and variance,
- individual work on exercises.

Notes and questions for specific exercises:

- you won't really need Minitab today (except for 4.10), but you can use it as a calculator/graphing tool for some problems: 4.9, 4.48, 4.71, 4.75, 4.76, x.4,
- 4.9, x.5: use *Probability* applet via course webpage link (some differences to IPS applet: in 4.9, use $n = 15$ instead of $n = 20$),
- 4.48: produce also a graph for the distribution,
- 4.76: skip entirely the calculation of stand. deviation,
- 4.107, 4.108, 4.115: problems on conditional probability,
- x.4: postpone part (c) to next week,
- x.6: interesting problem (and story), if you haven't seen it before.