

Homework 8

Due on Thursday Nov 9th

- Assignments are due *at the end of class*.
- The link for the textbook companion website, along with any necessary data files is below
<http://www.macmillanlearning.com/catalog/studentresources/ips8e>

Problem 1: (1pt)

Ex 7.3 in the textbook P422.

Problem 2: (1.5pts)

Ex 7.4 in the textbook P422.

Problem 3: (1.5pts)

Ex 7.6 in the textbook P428.

Problem 4: (1pt)

Ex 7.20 in the textbook P442.

Problem 5: (2.5pts)

Ex 7.22 in the textbook P442.

Problem 6: (1.5pts) (Minitab is suggested)

Ex 7.30 in the textbook P443.

Problem 7: (3pts) (Minitab is suggested)

Ex 7.36 in the textbook P444.

Problem 8: (1pt)

Ex 7.66 in the textbook P468 (You can use either Minitab to find the exact t^* or table D to find a conservative t^*).

Problem 9: (5pts)

Ex 7.89 in the textbook P472, repeat part (a) and (b) with the assumption that the two groups have equal variance.

Problem 10: (2.5pts)

Ex 7.140 in the textbook P486.