# ASSIGNMENT SHEET

Class A.P. Statistics Name_____

Quiz/Notebook Due Dates: Friday, Mar. 9, 16 Unit # 10 Period_____

Unit Title: Comparing Two Populations or Groups

| Date Assigned | Lesson Number | MAIN IDEAS (Topics & Learning Targets) | In-class points (preparedness, WU, Notes, active learning) | ASSIGNMENT (Practice problems) | Assignment points (complete, work shown) |
|---|---|---|---|---|---|
| Fri 3/2 | Quiz 9.3 | No new lesson, just a place to write last week's points… | ~~No notes; this was a quiz day!~~ | Cumulative AP Practice Test #3<br>AP3.1-12, 16-19, 31, 33 (p. 667)<br>(the rest will be assigned at the end of Ch. 10…) | |
| Mon 3/5 | 10.1a | **Comparing Two Proportions**<br>• Describe the characteristics of the sampling distribution of $\hat{p}_1 - \hat{p}_2$.<br>• Calculate probabilities using the sampling distribution of $\hat{p}_1 - \hat{p}_2$.<br>• Determine whether the conditions for performing inference are met.<br>• Construct and interpret a confidence interval to compare two proportions.<br>• Perform a significance test to compare two proportions.<br>• Interpret the results of inference procedures in a randomized experiment. | | 10.1a #2, 4-5, 33-34 | |
| Tues 3/6 | 10.1b | | | 10.1b #7, 9, 12, 13 | |
| Wed 3/7 | 10.1c | | | 10.1c #15, 17, 20, 22, 24, 26-27, 29-32 | |
| Thurs 3/8 | 10.2a | What am I good at this week?<br>What do I still need to work on?<br>Goal(s) for next week: | | Review: R10.2, 5, 6a, 8-9 (p. 662)<br>T10.2-3, 7-8, 12 (p. 664)<br>+ write weekly summary | |
| Fri 3/9 | Quiz 10.1 | | Weekly Summary | 10.2a #35-38, 57, 75 | ~~Points on next page~~ |

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|---|---|---|---|---|---|
| Fri 3/9 | 10.2a | **Comparing Two Means**<br>• Describe the characteristics of the sampling distribution of $\bar{x}_1 - \bar{x}_2$.<br>• Calculate probabilities using the sampling distribution of $\bar{x}_1 - \bar{x}_2$.<br>• Determine whether the conditions for performing inference are met.<br>• Use two-sample $t$ procedures to compare two means based on summary statistics.<br>• Use two-sample $t$ procedures to compare two means from raw data.<br>• Interpret standard computer output for two-sample $t$ procedures.<br>• Perform a significance test to compare two means.<br>• Check conditions for using two-sample $t$ procedures in a randomized experiment.<br>• Interpret the results of inference procedures in a randomized experiment. | Notes points on previous page | 10.2a #35-38, 57, 75 | |
| Mon 3/12 | 10.2b | | | 10.2b #39-43, 45, 67 | |
| Tues 3/13 | 10.2c | | | 10.2c #51, 53, 55, 65, 69-70 | |
| Wed 3/14 | 10.2d | | | 10.2d #47-50, 59-64, 68, 71-74, 76 | |
| Thurs 3/15 | Review | What am I good at this week?<br>What do I still need to work on?<br>Goal(s) for next week: | | Review: R10.1, 3-4, 6b-7, 10 (p.661)<br>T10.1, 4-6, 9-11, 13 (p. 664)<br>+ write weekly summary | |
| Fri 3/16 | Quiz 10.2 | | Weekly Summary | Cumulative AP Practice Test #3<br>(The rest was assigned after Ch.9…)<br>AP3.13-15, 20-30, 32, 34-35 (p. 668-73) | Points on next page |