

Mrs. Cecil's Course Plans

Prob/Stat II Class

You will need to borrow a TI-84 Plus CE calculator, take your textbook home, and have online access.

1. Complete the following Exercises starting on page 537 of your textbook. You will be using the chi-squared GOF test.
 - Exercise 24-10 parts a to d
 - Exercise 24-11 parts a to h
 - Exercise 24-15 parts a to c
2. Go to the Kaiser Family Foundation (kff.org) site to complete the following assignments.

Find a study in which they calculated a sample proportion.

- Summarize the study and the results in a few paragraphs. Be sure to include the following:
 - Describe who was in the sample and population
 - Describe the sampling technique (how the study was conducted and what data was collected)
 - Describe the conclusions from the study
- Calculate and interpret a confidence interval to estimate the population proportion
 - Show all work
 - Make sure you write a sentence interpreting the interval (STAT-TESTS-A)

Find a study in which they calculated a sample mean.

- Summarize the study and the results in a few paragraphs. Be sure to include the following:
 - Describe who was in the sample and population
 - Describe the sampling technique (how the study was conducted and what data was collected)
 - Describe the conclusions from the study
- Calculate and interpret a confidence interval to estimate the population mean (STAT-TESTS-8)
 - Show all work
 - Make sure you write a sentence interpreting the interval

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Prob/Stat I Classes

You will need to take your textbook home and have online access.

1. Complete the following Exercises starting on page 234 of your textbook.
 - Activity 11-4
 - Exercise 11-17
 - Exercise 11-25
 - Exercise 11-27
2. Go to the Kaiser Family Foundation (kff.org) site to complete the following assignments.

Find a study in which they calculated a sample proportion.

- Summarize the study and the results in a few paragraphs. Be sure to include the following:
 - Describe who was in the sample and population
 - Describe the sampling technique (how the study was conducted and what data was collected)
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Find a study in which they calculated a sample mean.

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 - Describe who was in the sample and population
 - Describe the sampling technique (how the study was conducted and what data was collected)
 - Describe the conclusions from the study

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AP Statistics Class

You will need your textbook, TI-84 Plus CE Calculator, online access, and the outline worksheets.

For the next two weeks,

1. Complete the outline worksheets for each section in the rest of the textbook.
2. Complete the following assignments from your textbook:
 - Page 552 problems 9.12 part b, 9.16, 9.23, 9.24, & 9.28
 - Page 551 problems 9.1, 9.3, 9.5, 9.7, 9.9, 9.11 part b, 9.13, 9.15, 9.17, 9.19, & 9.23
 - Section 9.1 Review worksheet
 - Page 572 problems 9.46 (PHANTOMS) & 9.48
 - Page 572 problems 9.40, 9.59, & 9.60
 - Page 572 problems 9.42 part a (PHANTOMS), 9.56, 9.57, 9.61, & 9.62
 - Section 9.2 Review worksheet

**Remember that the odd answers are in the back of the textbook

You can communicate with me through the REMIND app. I will periodically send a video or information to help you complete the textbook assignments.

STEAM 7th Grade Class

1. Watch the youtube video on Theme Park Engineering about an engineer for Disneyland park using the link below:

<https://www.youtube.com/watch?v=Ny1zPqt8LVE>

The title of the video is Theme Park Engineer.

After watching the video, write a paragraph summary about what you learned from the video.

2. Watch the youtube video on Industrial Engineering The Magic at Disney:

<https://www.youtube.com/watch?v=krCjxNhNyM>

After watching the video, write a paragraph summary about what you learned from the video.