

Analysis Assigned probs:

Spring, 2013

1. Day 1 problem handout. pick 6 problems and solve on your own paper.
suggested problems are: 6, 13, 17, 26, 29, 42, 61
2. Read p. 535-537. p 538 1-8, 10, 11, 14-18, 21-24, 26
3. Read p. 539-541, p542 1, 3, 4, 5, 8, 9, 10, 12, 17-20, 21
4. Handout, -- Counting, Day 2
5. Counting problems, problem set, posted online, at www.johndilsaver.com
6. p. 543 – 545 1 – 18
7. Read p. 545-550, probs: 1-4, 17, 18, 19, 20, 21, 22, 23, 25, 26, 31, 32, 33, 37
8. Read p. 557-558. p.559 1, 2, 5, 11, 17, 18, 25
9. Read p 560 – 561, p562; 1, 3, 4, 7, 9, 10, 11, 15, 17
10. watch MrD derive the law of sines in class, and watch carefully as he uses geogebra to outline the steps in constructing the circumcircle of a triangle. and then duplicate the steps in geogebra using a step slider to construct a chain of reasoning. See if you can figure out or find online the “4th term” of law of sines, and a reason for listing the law of sine fractions with the side length in the numerator. Show a the class a quick peek at your construction by the end of the block using the projector

Derive the law of cosines, much like we derived the law of sines. construct a geogebra chain of reasoning like we did for law of sines

Book problems: p 250 1-4, p251, 16, 19, p252 23, p255, 1-4, p256, 25, 27