

Homework – Mat 191

Hmk 1: p. 364: 7, 8, 13, 17, 23, 24, 25, 26, 27, 32; p. 388: 16, 17, 18, 19

Answer the following questions:

1. Make a brief summary of what you learned in these chapters (9,10).
2. List what math skills we used in discussing the topic of voting.

Read: <http://www-groups.dcs.st-and.ac.uk/~history/BiogIndex.html>

Hmk 2: p. 425: 12, 13a,c,f, 14, 28, p. 533: 1, 2, 13, p. 534: 1, 6, 10

<http://query.nytimes.com/gst/fullpage.html?res=9D0DE1D61638F930A35752C1A960958260&scp=1&sq=natapoff+nov+3+1996>

<http://query.nytimes.com/gst/fullpage.html?res=9D03EFD9153BF933A25752C1A960958260>

Hmk 3: p. 785: 3, 11, 12, 13, 17, 18, 29, 30

Reading only:

<http://mathworld.wolfram.com/PenroseTiles.html>

http://en.wikipedia.org/wiki/Penrose_tiling

<http://www.ics.uci.edu/~eppstein/junkyard/penrose.html>

<http://www.uwgb.edu/DutchS/symmetry/penrose.htm>

Hmk 4: p. 497: 2, 4, 11, 21, 26

Read: <http://www.rain.org/~mkummel/stumpers/21mar03a.html>

Write your comments about dividing the round cake with the strawberry on top in the manner suggested by the picture. Would everyone end up with the same amount of frosting?

Read (optional): <http://cns2.uni.edu/~campbell/mdm/knas.html>

<http://en.wikipedia.org/wiki/Knaster>

Even though this is optional, you should read the first article and find out what happens if you know the other people's bids.