

THINKING THE CALCULUS WAY

HOMEWORK 4

For TUESDAY, July 6:

Carefully read sections 2.5 and 2.6 in Stewart's Calculus.

If you are feeling adventurous, read section 2.4 for a better understanding of the definition of the limit.

Complete the following problems in sections 5 and 6:

Section 2.5: 1, 3, 10, 11, 18, 21, 31.

Section 2.6: 11, 14, 19, 26, 38.

EXTRA PROBLEM (can be handed in any time next week):

4) You're blindfolded in front of a table and you're told that there is a large number of pennies on the table, 128 of which have heads up and the rest show tails. How would you divide the pennies into two piles so that each has the same number of heads turned up?