9 problems (worth 105 pts total - highest grade possible is 100)

Topics:
- work with hyperbolic functions (2)
- determine whether a function is a solution to a differential equation
- solve differential equations (2)
- solve a word problem
- find integrals (2)
- sketch a region and find its area

Bring this sheet of paper with notes/formulas/etc written only in the area below the line. If you do not bring this note sheet or your note sheet does not follow the directions listed here, you will have at least the 5 extra points deducted from your exam.