

Stat 851 Winter 2008  
Assignment #2

This assignment is due on **Monday, January 28, 2008**.

1. Approximately  $1/125$  of all births are fraternal twins and  $1/300$  of births are identical twins. Elvis Presley had a twin brother (who died at birth). What is the probability that Elvis was an identical twin? (You can approximate the probability of a boy or a girl as  $1/2$ .)
2. Complete the following exercises from pages 19–20:
  - #3.1, 3.3, 3.6, 3.8, 3.11, 3.12, 3.13
3. Complete the following exercise from page 26:
  - #4.1