MA 485-1E (Probability Theory), Dr. Chernov   Assignment #7
Due Mon, Oct 14

Chapter VI. Problems 6.2.4 (Note: find the distribution function $F_X(x)$, then $F_Y(y)$, and
then $f_Y(y)$), 6.R.6 (do only Y, and by the same method as 6.2.4; you may also do W for
an extra credit).

Chapter VII. Problems 7.2.6 (note: mean= μ and standard deviation= σ), 7.2.4*, 7.2.22*,
7.R.2 (page 285; note: mean= μ and standard deviation= σ)

The starred problems are for extra credit. Each problem is graded on the base of "4
points max".

    The third assignment for 585 students:

4. Do problem 7.2.29b. Note: the problem 7.29a appears to be very tricky. Attempt it
(for extra credit) at your own risk...

5. Do problem 7.2.30.