

Lecture 17

February 27, 2015

1. Try 4.2.11 parts g,h
2. Try 4.2.13 parts d,e
3. Try 4.2.15 parts e,f
4. 4.2.17. Note: find $f(x)$ for this uniform distribution first.
5. Try 4.3.28
6. Try 4.3.29. For this problem you always need to convert to $P(Z \leq c)$ for all parts. Do understand what the hints say by drawing the picture, not just accepting them.
 - (a) $\Phi(c)$ is the same as $P(Z \leq c)$
 - (b) Hint: Do you see that $P(Z \leq c) = 0.291 + 0.5$?
 - (c) Hint: Do you see that $P(Z \leq c) = 1 - 0.121$?
 - (d) Hint: Do you see that $P(Z \leq c) = 0.5 + 0.668/2$?
 - (e) Hint: Do you see that $P(Z \leq c) = 1 - 0.016/2$?