

Class/Demo Problems for 5/29/2020

1. Pitman 4.1.2
2. Pitman 4.1.3
3. Pitman 4.1.6
4. Pitman 4.1.13
5. Let X have a normal(3,9) distribution. Let $Y=5-X$
 - a. Find $E(X^2)$
 - b. Find $P(-1<Y<3)$
 - c. Find $P(X>4|Y<2)$