Department of Mathematics and Statistics Semester 121

AT211		Quiz 6		Wednesday November 28, 2012
ıme: _			ID #:	
b.	P(Z < 0.87)			
		e with mean 4	and stand	lard deviation 3. Find
b.	P(-2< X <8.5)			
c.	The 80^{th} percentile of X			
	hme: — If Z is a. b. If X is a.	If Z is a standard normal, find a. $P(Z > -1.28)$ b. $P(Z < 0.87)$ If X is a normal random variable a. $P(X > 1)$ b. $P(-2 < X < 8.5)$	If Z is a standard normal, find a. $P(Z > -1.28)$ b. $P(Z < 0.87)$ If X is a normal random variable with mean 4 a. $P(X > 1)$	ID #: If Z is a standard normal, find a. $P(Z > -1.28)$ b. $P(Z < 0.87)$ If X is a normal random variable with mean 4 and standa. $P(X > 1)$

d. x such that P(X > x) = 0.367