

Math 210
Test 2 Key
October 26, 2006

1. c
2. a
3. b
4. d
5. d
6. .
 - a) 60%
 - b) 12%
 - c) 73%
7. .
 - a) 18/81
 - b) 19/37
8. 2.407
9. .
 - a) 0.0288
 - b) 0.0679
 - c) 0.0967
10. .
 - a) 0.36
 - b) 0.16
 - c) 0.48
11. 20.73
12. .
 - a) $n = 30, p = 0.23, x = 10$ 0.0663
 - b) $n = 30, p = 0.23, x < 10$ 0.8689
13. .
 - a) 0.2676
 - b) 0.1075
14. 97
15. .
 - a) 0.42012 to 0.49988
 - b) 2386
16. .
 - a) 66.691 to 82.309
 - b) 7.809