

Due: November 5, 2009

Total Points: 45

Using each of the utility functions below

a. $U(X,Y) = X^{1/3}Y^{2/3}$ $X, Y > 0$

b. $U(X,Y) = X^{1/2} + Y^{1/2}$ $X, Y > 0$

c. $U(X,Y) = (\log_e X) + Y$ $X > 1, Y > 0$

- (15) 1. B & H, p. 159: Problem #7 (omit the second part); Problem #10
(9) 2. B & H, p. 213: Problem #1
(12) 3. B & H, p. 213: Problem #2
(9) 4. B & H, p. 213: Problem #3