- A. Tie, Both x and y are evaluated once for CBV and CBN.
 - a. CBV foo(1+3, 2+2, 5)
 - i. foo(4, 2+2, 5)
 - ii. foo(4, 4, 5)
 - iii. x==y
 - iv. 4*4
 - v. return 16
 - b. CBN foo(1+3, 2+2, 5)
 - i. x==y
 - ii. x = 1+3 = 4
 - iii. y = 2+2 = 4
 - iv. 4*4
 - v. return 16
- B. CBN Faster, z does not need to be evaluated.
 - a. CBV foo(1, 1, 6+8*square(3))
 - i. foo(1, 1, 6+8*9)
 - ii. foo(1, 1, 6+72)
 - iii. foo(1, 1, 78)
 - iv. x==y
 - v. 1*1
 - vi. return 1
 - b. CBN foo(1, 1, 6+8*square(3))
 - i. x == y

- ii. 1*1 = 1
- iii. return 1
- C. CBN Faster, z does not need to be evaluated.
 - a. CBV foo(1+3, square(2), 4+square(5))
 - i. foo(4, square(2), 4+square(5))
 - ii. foo(4, 4, 4+square(5))
 - iii. foo(4, 4, 4+25)
 - iv. foo(4, 4, 29)
 - v. x == y
 - vi. 4 * 4
 - vii. return 16
 - b. CBN foo(1+3, square(2), 4+square(5))
 - i. x==y
 - ii. x = 1+3 = 4
 - iii. y=square(2)=4
 - iv. 4*4 = 16
 - v. return 16
- D. Tie. X is evaluated once for both CBV and CBN.
 - a. CBV foo $(3^*2, 12, 6)$
 - i. foo(6, 12, 6)
 - ii. x != y
 - iii. return 6
 - b. CBN

- ii. 3*2 = 6
- iii. return 6