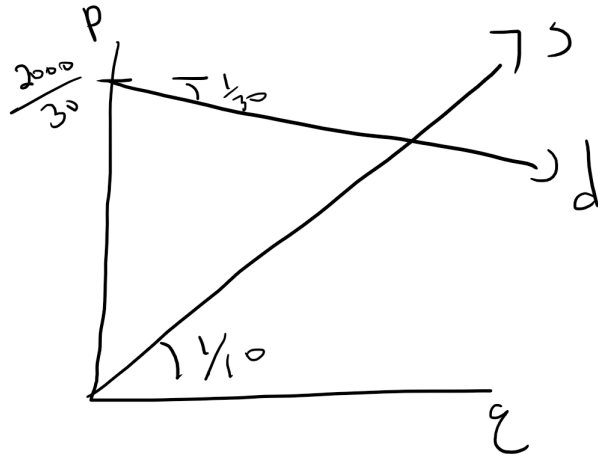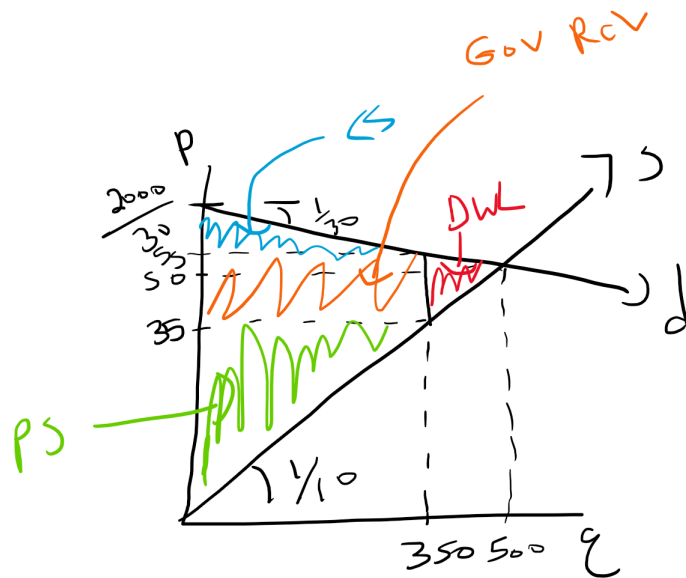1. A) $c_1 = 900, c_2 = 1125$.

B) Saves 100

C) Saver, Must be better off.

2. A)

B) $p = 50$, q=500

C) $p = 55$

D)

E) 3000