6.6 applications part 2

problems involving work / working together exil You now a laws in 40 min. When you work with a friend, you can now the lawn in 24 min. How long would it take your friend to do? in lmin time (min) You 40 40 FRIEND 大 t \_\_\_\_ 24 24 TOGETHER Friend = together You + 1.960\$ = 1 . 960t NPV +6 1.960t (L)CD 40 (40)(24)(x) 960 = 40t24t + = 960x -247 -247 960 = 16t t 60 min= hour ex.2 p 596 #5 hour

ex,a νυτ hour spray -> 3h 3 brush -> ?? x X togopt bi -> 2h 12 togethen spray + brush L. bx 1.lex x NPV • /ox x=0 LCD 6x 3χ 2x+ -6h.  $\chi$ -595#3,6,10 p610 # 5