```
Charles that
  1A)Ho: M=30, Ha: M>30, x=0.05
                                                                                                                                                                                                                       N=16, 7=24
                                                                                                                                                                                                  1-2.3438 >1.7531 =+ 0.05,15
                                                                                                                                                                      el. There (3-30) 21 7531 = +0.00, 15
Reject Ho when 1 25.5122
P=0.0166
                                                                                                            x=0.05 luel. There
 is sufficient evidence that us 30 minutes.
1B)Ho: 0-2=144, Ho: 0-7144, x=0.05
                                                                                                                                                                                                                          n-1=15, 5=104.8576
  X2= (n-1)52 (15)(104.8576) = 1215.864 = 375 × 10.95 × 10.95 × 10.95 × 10.95
                                                                                                                                                                                                                  10,927>6,2621= 220,095,15
 We fail to reject in
                                                                                       Ho at the x=0.05
                        There is insufficient evidence that
                                                                                                                   Right Ho Wan 5 260.1165 or 52 263.8885
p=2(0.24/9) 20.4839
                                                                                                                                                                                        5<7.7535
                                                                                                                                                                                                                                        or 5>16.2446
                                                                                                                                                                                                                                     N=12, 7=13.8, 51=1-2
(1.5) + (1.5) + (1.5 - 0.2) = \frac{(1.5) + (1.5) - 5}{(1.5) + (1.5) + (1.5) + (1.5) + (1.5)} = 1.00
                                                                                                                                                                                       Because ",=12<30 m 12=15<30, me
       1.819 (1.91) - 1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1.81) (1
                                                                                                                                                                  rild use a t-test with 12+15-2=25 df.
                                                                                                                                                 1.485 = to.or,25
                                                                                    Reject Ho when 17-42 Marie is insufficient evidence 1:3244 that the man height are different.
 D=2(00519) % O. 1037
                                                                                                                                                                                                                 N=250, p=190=0.76
3)Ho: p=0.6, HA: p>0.6, x=0.01
We reject to at the x20,01 level. The
is softicient evidence that p>0.6. person Reject Ho when p>0.672
4)Ho: M- M=0, Ha: M20-M=0, X=0:01

10=500, 70=54.5, 50=2.8

10=500, 70=54.5, 50=2.8

10=500, 70=54.5, 50=2.8

10=500, 70=54.5, 50=2.8

10=500, 70=54.5, 50=2.8

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                                                                                                                                                                                                                          1,0=400 1 20=239, 20=574
                                                                                                                                                                                                                4.0361 > 2.5758 = 7.00,
 sufficient evidence of a height difference. Reject 40 when Fro Tol > 0000
                                                                                                                                                                                                                                                            1000,000
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