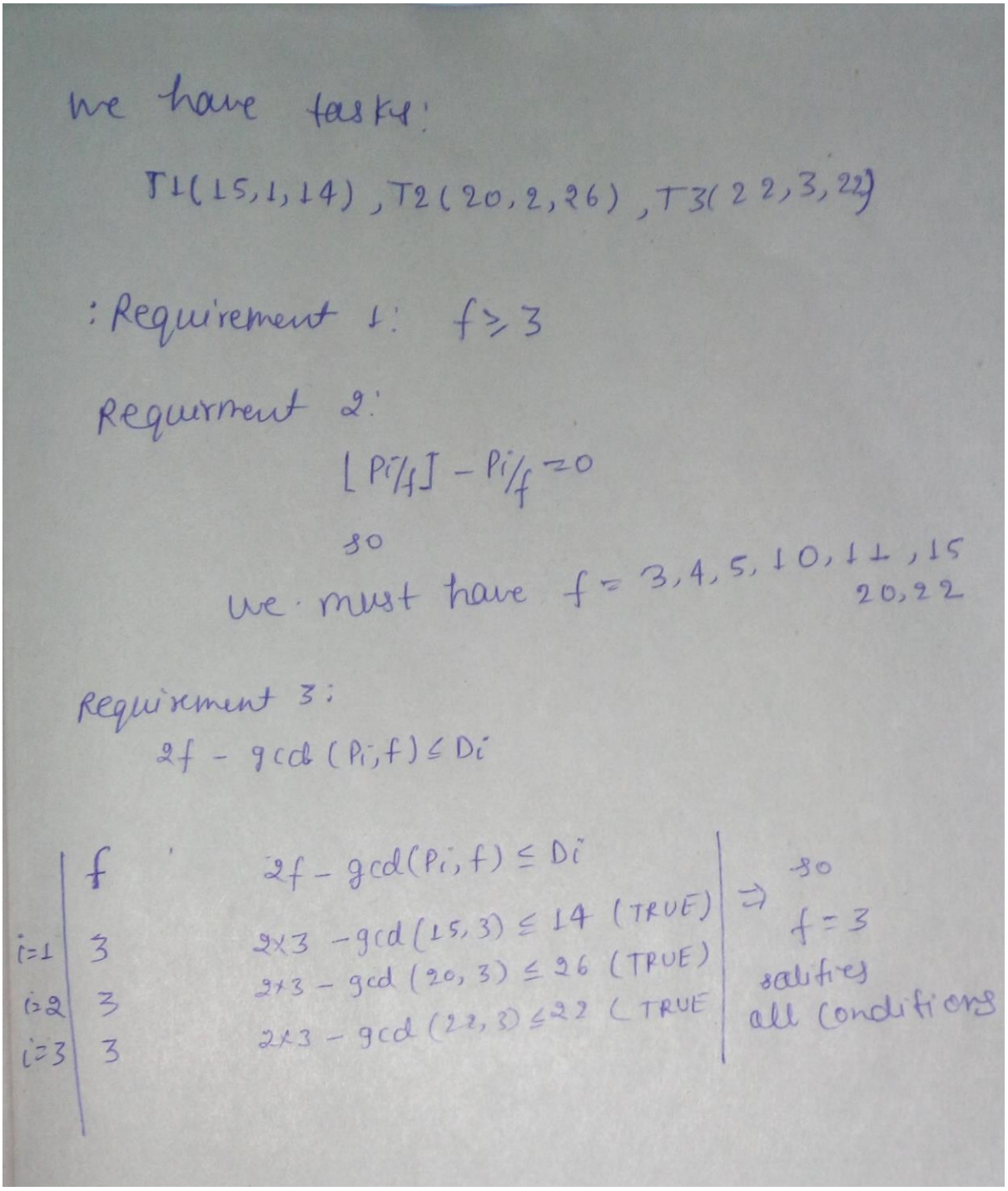
Assignment 3

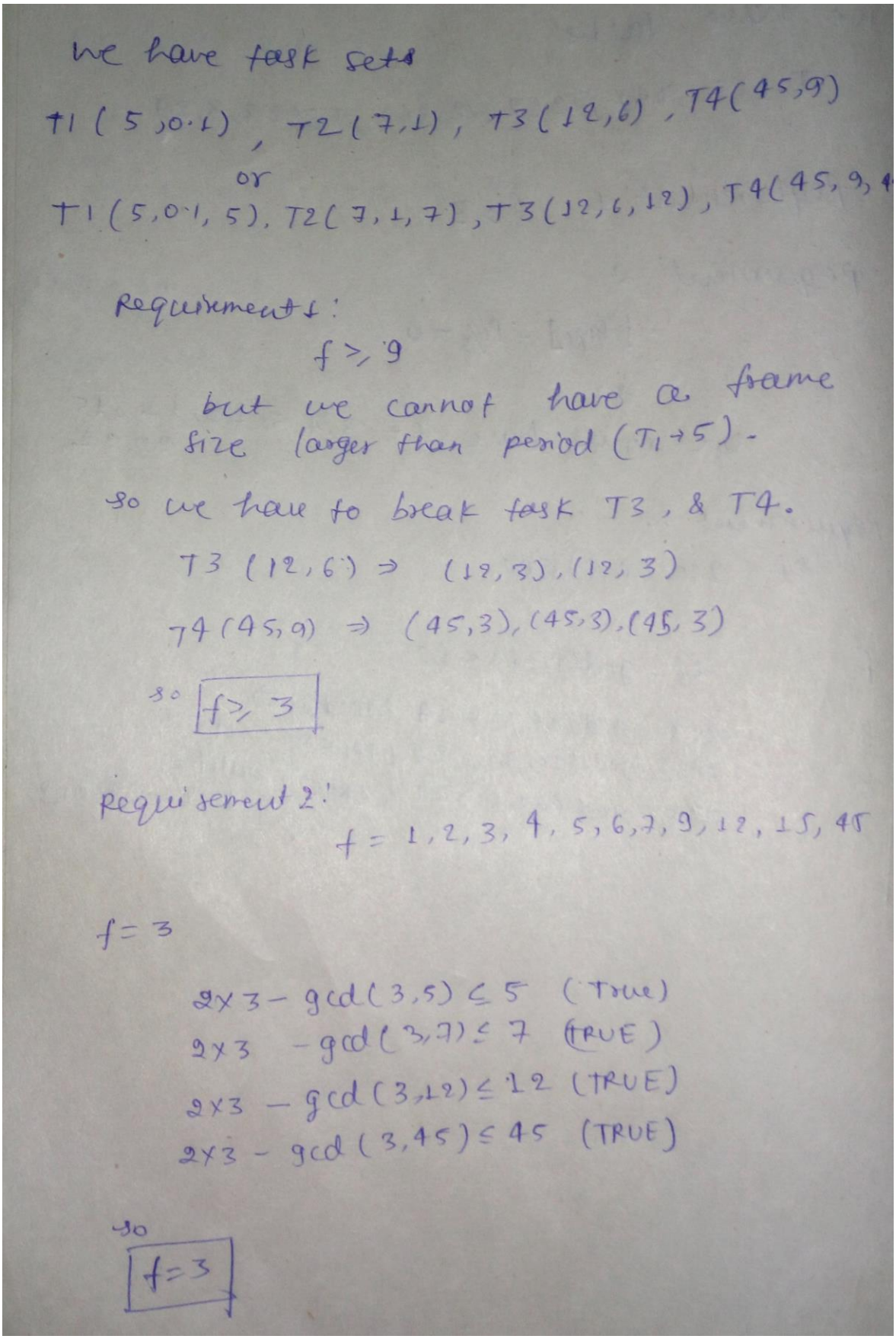
Theory Assignment:

1. T1(15, 1, 14) T2(20, 2, 26) T3(22, 3)

Resulting frame size



3. T1(5, 0.1) T2(7, 1) T3(12, 6) T4(45, 9)



2. T1(4, 1) T2(5, 2, 7) T3(20, 5)

T1(4,1) , T2(5,2,7) , T3(20,5)

or

T1(4,1,4), T2(5,2,7) , T3(20,5,20)

Requirement:

$f \geq 5$

but we cannot have a frame size larger than period ($T_i \rightarrow 4$)

dividing T3 as

T3 ⇒ (20, 1), (20, 3), (20, 1)

similarly

we get

$f = 4$