3)

Total time = 250 s

70 seconds = fp (floating point)
85 seconds = L/s (Load (store)
40 Seconds = Bannel = 195 seconds

The removing SS seconds must be consumed by INT

- (1) Tsp = 70 × 0.8 = 56 seconds

 Tree = 56 + 85 + 55 + 40 = 236 seconds

 It will be reduced by 5.6%
- b) Tan = 250 × 0.8 = 200 saven)s

 Tap + Tays + Tennol = 165 saven)s

 Tint = 35 saven)s

 The Reduction time is INT = 58.8%
- C) Them = 250 x 0.8 = 200 seconds

 Trp + Tint + This = 210 seconds

It's not possible to achieve this reduction through reducing Solely branch instructions.