



4-13 V4->V1 (17) V4->V1-> V2(17+32=49) V4 → V3 (18) 4 7 V5 (10) 14-) V8-> V9-> V10-> V10 (3+4+12+6=25) V4-> V3-> V7 (18+5 = 23) v4 -> v8 (3) V4-) V8-) V9(3+4=7) V4-> V8-> V9-> V10 (3+4+12=19)

> Work 2 > Work 4 > Work 1 > Work 3

Time = 3+(3+5)+(3+5+7)+(3+5+7+10)=5

4-22 (50t by time)

1. Do work 7, get \$55 (t=1)

2. Do work 1, get \$40 (t=2)

3. Do work 3, get \$60 (t=3)

4. Do work 2, get \$15 (t=4)

total: 170\$#

(sort by profit)

1. Do work 3 at t=3, get \$60.
2. Do work 7 at t=1, get \$55
3. Do work 4 at t>2, get \$40.
4. Do work 2 at t=4, get \$15

+0-(a): 170 \$ #