```
r1 = 80 = 80
r2 = 49 = 49
r3 = 51 = 51
r4 = 37 = 37
r5 = 45 = 45
r6 = 75 = 75


Vall = 24 = 24


r45 = r4*r5/(r4+r5) = 20.3048780488
r456 = r45+r6 = 95.3048780488
r23 = r2+r3 = 100
r23456 = (r23 * r456) / (r23 + r456) = 48.7980018732


rall = r1 + r23456 = 128.7980018732
iall = Vall/rall = 0.1863382945


i1 = iall = 0.1863382945
i23456 = i1 = 1


v1 = i1*r1 = 14.9070635575


v23456 = vall - v1 = 9.0929364425
v23 = v23456 = 9.0929364425
v456 = v23456 = 9.0929364425


i23 = v23/r23 = 0.0909293644
i2 = i23  = 0.0909293644
i3 = i23 = 0.0909293644
v2 = i2 * r2 = 4.4555388568
v3 = i3 * r3 = 4.6373975857


i456 = v456/r456 = 0.09540893
i45 = i456 = 0.09540893
i6 = i456 = 0.09540893


v45 = i45*r45 = 1.9372666893
v6 = i6*r6 = 7.1556697532


v4 = v45 = 1.9372666893
v5 = v45 = 1.9372666893
i4 = v4/r4 = 0.0523585592
i5 = v5/r5 = 0.0430503709


r1 + 0 = 80
r2 + 0 = 49
r3 + 0 = 51
r4 + 0 = 37
r5 + 0 = 45
r6 + 0 = 75


v1 + 0 = 14.9070635575
v2 + 0 = 4.4555388568
v3 + 0 = 4.6373975857
```

```
v4 + 0 = 1.9372666893
v5 + 0 = 1.9372666893
v6 + 0 = 7.1556697532

i1 + 0 = 0.1863382945
i2 + 0 = 0.0909293644
i3 + 0 = 0.0909293644
i4 + 0 = 0.0523585592
i5 + 0 = 0.0430503709
i6 + 0 = 0.09540893


i1 * v1 = 2.7777567988
i2 * v2 = 0.4051393164
i3 * v3 = 0.4216756151
i4 * v4 = 0.1014324926
i5 * v5 = 0.0834000495
i6 * v6
```