**Noteguide for Network Resistance - Videos 18J1&2 Name**

# Net Example 1 – Find current through and power dissipated by each resistor

Net Example 2 (single popper)

|  |  |  |
| --- | --- | --- |
| R (Ω) | I (A) | P (W) |
| 5 | 0.85 | 3.613 |
| 12 | 0.5667 | 3.853 |
| 24 | 0.2833 | 1.927 |
| 7 | 0.85 | 5.058 |

Net Example 3 (double popper)

|  |  |
| --- | --- |
| 6.3462 |  |
| 1.0813 | A1 |
| 5.4064 | V1 |
| 9.7316 | V2 |
| 6.862 |  |
| 0.6238 | A2 |
| 0.4575 |  |
| 3.6597 | V3 |



Net Example 4 (double popper)

|  |  |
| --- | --- |
| 5.73913 |  |
| 13.73913 |  |
| 6.108963 |  |
| 1.346662 | A1 |
| 8.226707 | V1 |
| 0.747882 | A2 |
| 0.598779 | A3 |
| 1.197559 | V2 |
| 3.436472 | V3 |
| 0.312407 | A4 |
| 0.286373 |  |
| 2.004609 | V4 |



|  |  |
| --- | --- |
| 7.548387 |  |
| 15.54839 |  |
| 8.120912 |  |
| 1.488006 | A1 |
| 12.08396 | V1 |
| 0.710821 | A2 |
| 0.777184 | A3 |
| 3.885921 | V2 |
| 5.866488 | V3 |
| 0.325916 | A4 |
| 3.585076 | V4 |