**Opgave 1**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **R1** | **R2** | **R3** | **R4** | **Σ** |
| **U** |  |  |  |  | **230V** |
| **I** |  |  |  |  |  |
| **R** | **470 Ω** | **1,5 K Ω** |  | **800 Ω** | **3 K Ω** |

**Husk Formler.**

**Opgave 2**

**Husk Formler.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **R1** | **R2** | **R3** | **R4** | **Σ** |
| **U** | **30V** | **60V** |  | **80V** | **230V** |
| **I** |  |  | **0,5A** |  |  |
| **R** |  |  |  |  |  |

**Opgave 3**

****

**Husk Formler.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **R1** | **R2** | **R3** | **R4** | **Σ** |
| **U** |  | **10V** |  | **30V** | **100V** |
| **I** |  |  |  |  |  |
| **R** | **100 Ω** |  | **0,0005 MΩ** |  | **1K Ω** |

**Opgave 4**

****

**Husk Formler.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **R1** | **R2** | **R3** | **R4** | **R5** | **Σ** |
| **U** | **60V** | **20V** |  |  |  | **400V** |
| **I** |  |  |  |  |  |  |
| **R** | **50 Ω** |  | **100 Ω** |  | **80 Ω** |  |

**Opgave 5**

* Tegn opstilling i PCSchematic.
* Beregn de manglende værdier

**Husk formler.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **R1** | **R2** | **R3** | **R4** | **R5** | **R6** | **Σ** |
| **U** |  |  |  |  |  |  | **230V** |
| **I** |  |  |  |  |  |  |  |
| **R** | **30 Ω** | **15 Ω** | **60 Ω** | **81 Ω** | **23 Ω** |  | **300 Ω** |