**POSKUS: UPORABA VOLTMETRA IN AMPERMETRA Ime in priimek:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **UPORABA AMPERMETRA**

Sestavi vezje, ki je na sliki in z uporabo ampermetra izpolni preglednico. Baterija naj ima napetost 9 V, žarnica pa upor 10 ohmov.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1. Vezava ene svetilke.  |  |  |  | | --- | --- | --- | | **Ug [V]** | **I [A]** |  | | 9 V |  |  | |
|  | 1. Vezava dveh zaporedno vezanih svetilk.  |  |  |  | | --- | --- | --- | | **Ug [V]** | **I1 [A]** | **I2 [A]** | | 9 V |  |  | |
|  | 1. Vezava treh zaporedno vezanih svetilk  |  |  |  |  | | --- | --- | --- | --- | | **Ug [V]** | **I1 [mA]** | **I2 [mA]** | **I3 [mA]** | | 9 V |  |  |  | |

1. **UPORABA VOLTMETRA**

Sestavi vezje, ki je na sliki in z uporabo ampermetra izpolni preglednico. Baterija naj ima napetost 24 V, žarnica pa upor 100 ohmov.

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1. Vezava ene svetilke.  |  |  |  | | --- | --- | --- | | **Ug [V]** | **U1 [V]** |  | | 24V |  |  | |
|  | 1. Vezava dveh zaporedno vezanih svetilk.  |  |  |  | | --- | --- | --- | | **Ug [V]** | **U1 [V]** | **U2 [V]** | | 24 V |  |  | |
|  | 1. Vezava treh zaporedno vezanih svetilk  |  |  |  |  | | --- | --- | --- | --- | | **Ug [V]** | **U1 [V]** | **U2 [V]** | **U3 [V]** | | 24 V |  |  |  | |

**DODATNO:** Nariši zgornje sheme s pravimi simboli v zvezek.