

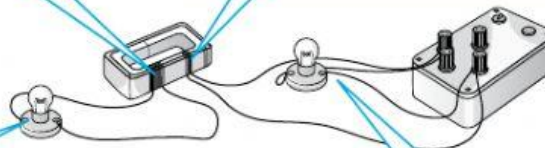
1 Bandingkan jenis transformer yang berlainan./Compare the different types of transformers. TP2

Turun <i>Step-down</i>	Malap <i>Dimly</i>	Banyak <i>Many</i>	Lebih tinggi <i>Higher</i>	Primer <i>Primary</i>
Kurang <i>Few</i>	Sekunder <i>Secondary</i>	Terang <i>Brightly</i>	Naik <i>Step-up</i>	Lebih rendah <i>Lower</i>

- (a)
- (i) Gegelung _____ mempunyai _____ bilangan lilitan dawai.
The _____ coil has _____ turns of wire.
- (ii) Gegelung _____ mempunyai _____ bilangan lilitan dawai.
The _____ coil has _____ turns of wire.

(v) Transformer injak

_____ transformer



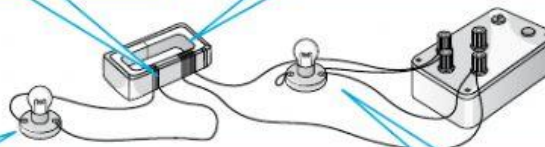
- (iv) Voltan output adalah _____.
Output voltage is _____.
Mentol menyala dengan _____.
The bulb lights up _____.

- (iii) Voltan input adalah _____.
Input voltage is _____.
Mentol menyala dengan _____.
The bulb lights up _____.

- (b)
- (i) Gegelung _____ mempunyai _____ bilangan lilitan dawai.
The _____ coil has _____ turns of wire.
- (ii) Gegelung _____ mempunyai _____ bilangan lilitan dawai.
The _____ coil has _____ turns of wire.

(v) Transformer injak

_____ transformer

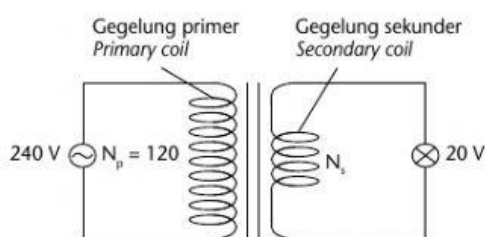


- (iv) Voltan output adalah _____.
Input voltage is _____.
Mentol menyala dengan _____.
The bulb lights up _____.

- (iii) Voltan input adalah _____.
Input voltage is _____.
Mentol menyala dengan _____.
The bulb lights up _____.



2 Hitungkan bilangan gegelung dawai sekunder, N_s . TP3/KBAT
Calculate the number of wire turns of the secondary coil, N_s .



$$\frac{V_p}{V_s} = \frac{N_p}{N_s}$$

$$N_s = \frac{V_s \times N_p}{V_p}$$

AKTIVITI HANDS-ON

Eksperimen Wajib 10:
Membina transformer injak naik dan injak turun
(rujuk silang m.s.195 – 196)
Compulsory Experiment 10:
Building step-up and step-down transformers
(cross-reference pp. 195 – 196)