



MARET 2022

LKPD

Kelas : IX

Semester : 1

Mata Pelajaran : IPA

Pokok Bahasan : Listrik Dinamis

Subtopik : Arus Listrik dan Hantaran Listrik

I PUTU KRISNA DIVAYANA SETIAWAN

NIM. 1913071010

Lembar Kerja Peserta Didik

LISTRIK DINAMIS



Melalui diskusi siswa dapat memahami konsep arus listrik, membedakan rangkaian terbuka dan tertutup, dan memahami hantaran listrik

Tujuan Pembelajaran

Nama

.....

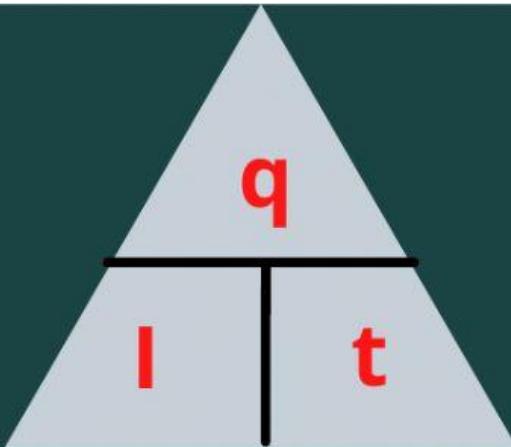
Absen

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Kelas

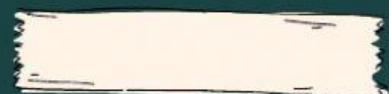
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Aplikasi Penentuan Kuat Arus Listrik



1

Arus listrik sebesar 5 mA mengalir pada suatu kawat penghantar selama 0,1 sekon. Berapakah besar muatannya?



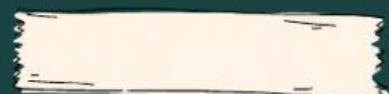
2

Dalam suatu penghantar, mengalir muatan listrik secara konstan sebesar 0,06 C selama 10 s. Berapakah kuat arus listrik dalam penghantar ?



3

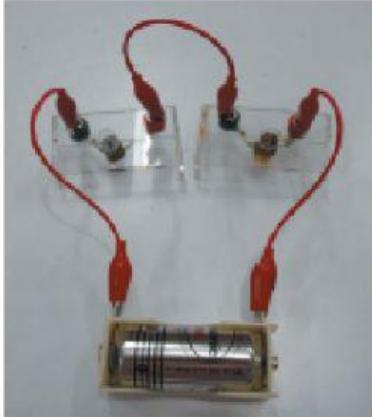
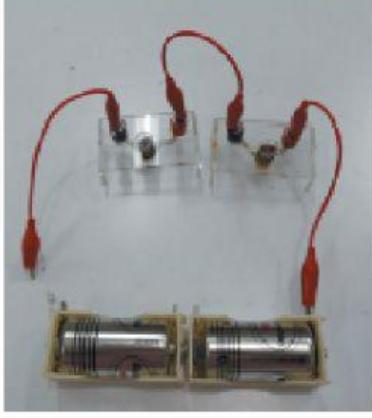
Sebuah penghantar dilalui arus listrik 0,2 A. Berapa waktu yang dibutuhkan untuk mengalirkan muatan sebanyak 10 C pada penghantar tersebut?



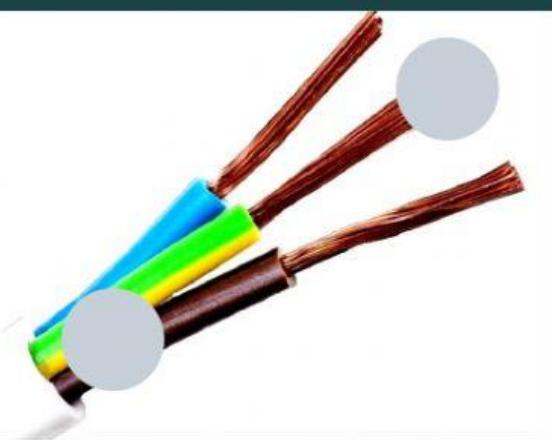
Rangkaian Terbuka dan Rangkaian Tertutup

No	Gambar	Jenis Rangkaian	Penjelasan/ Alasan
1	 A photograph of an electrical circuit setup. Two batteries are connected in series. The circuit then branches into two parallel paths, each containing a light bulb. The wires are red and black, and the batteries are in a yellow holder.		
2	 A photograph of a simple electrical circuit. Two batteries are connected in series. A single wire then branches to a light bulb, which is connected in parallel with the batteries. The circuit is completed when the wire returns to the first battery.		

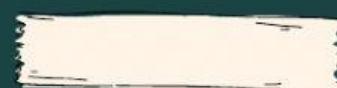
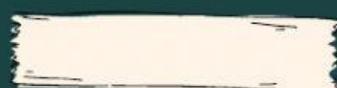
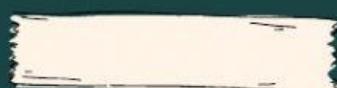
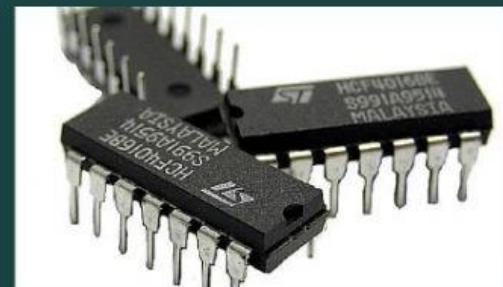
Rangkaian Terbuka dan Rangkaian Tertutup

No	Gambar	Jenis Rangkaian	Penjelasan/Alasan
3			
4			
5			

Hantaran Listrik



Kawat Tembaga



Kawat Besi

