

Schématisation et circuits électriques

Jeu de Dominos

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Voici six jeux de "Dominos" de difficulté croissante pour faire travailler les élèves sur le passage du montage électrique au schéma normalisé et réciproquement. Les dipôles sont ceux qui peuvent être rencontrés en classe de 5e (pile, générateur, lampe, interrupteur, résistance, moteur, diode et DEL).

Il est recommandé d'imprimer les dominos sur du papier cartonné, ou mieux encore, d'imprimer sur papier normal mais de plastifier les tirages avant de massicoter entre les cartes.

Les jeux sont conçus à la base pour une utilisation linéaire (une seule carte convient à la suite d'une autre) et ils "bouclent", c'est à dire que la première carte est associée à la dernière et l'ensemble forme un rectangle qui tient sur une table.

Le jeu violet est conçu avec seulement des dipôles en série et peut être utilisé sans connaissance du sens du courant et des dipôles polarisés mais après avoir vu l'interrupteur. Le jeu jaune également mais contient en plus des dérivations. Les autres utilisent les diodes et DEL passantes et bloquées.

Correction des six jeux :

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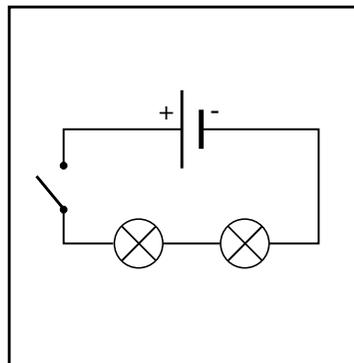
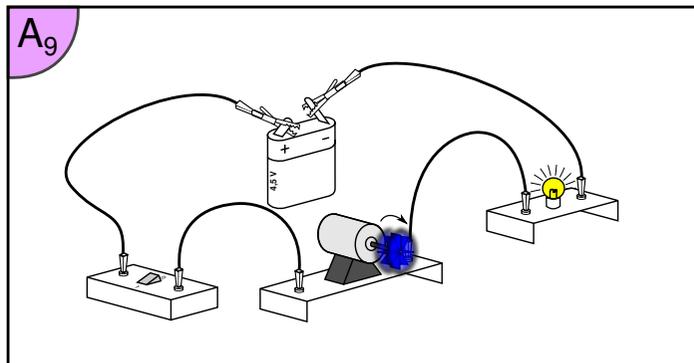
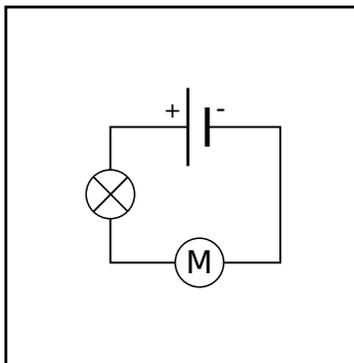
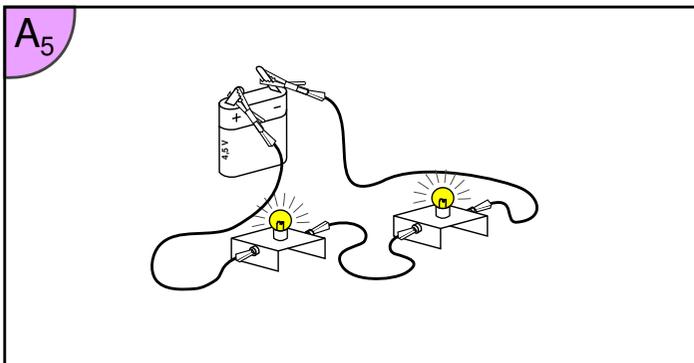
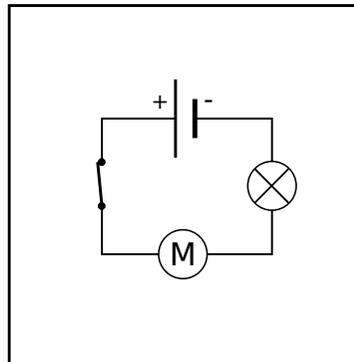
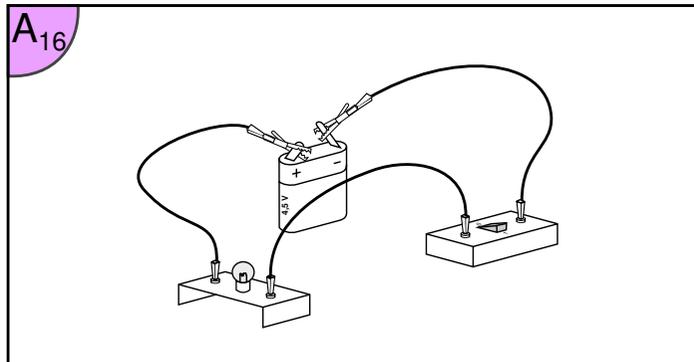
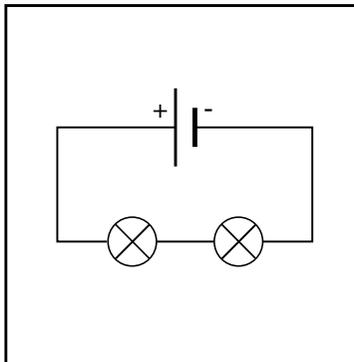
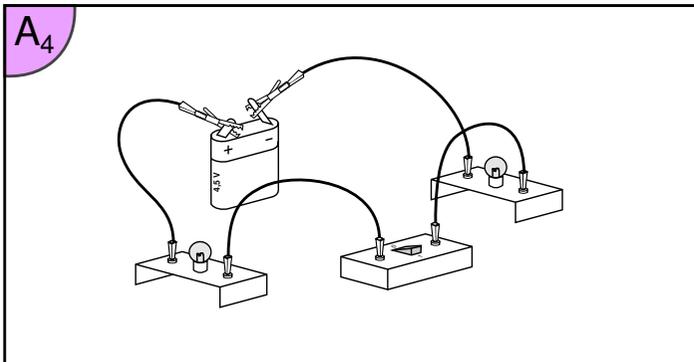
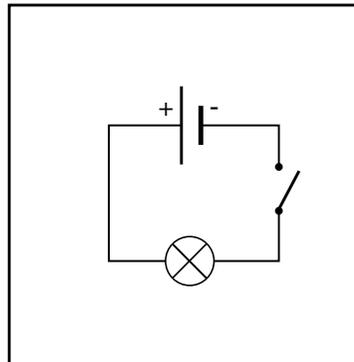
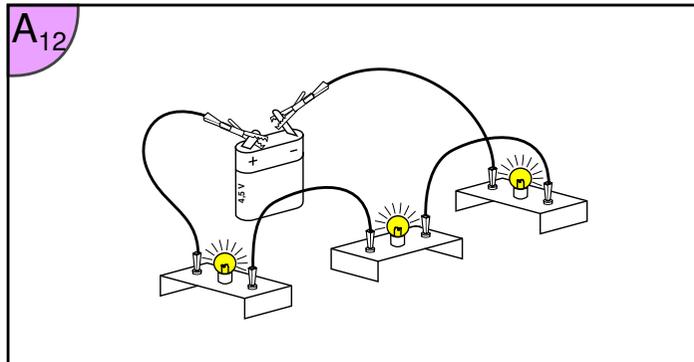
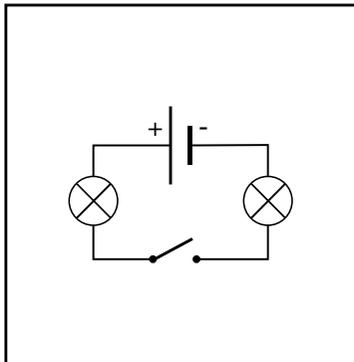
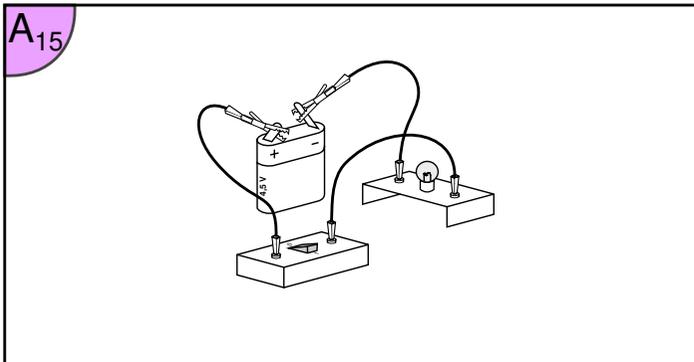
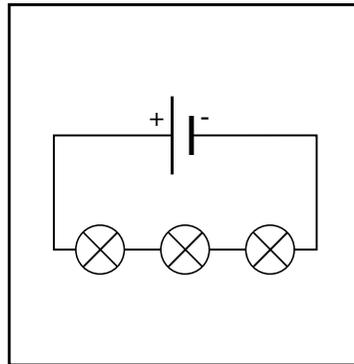
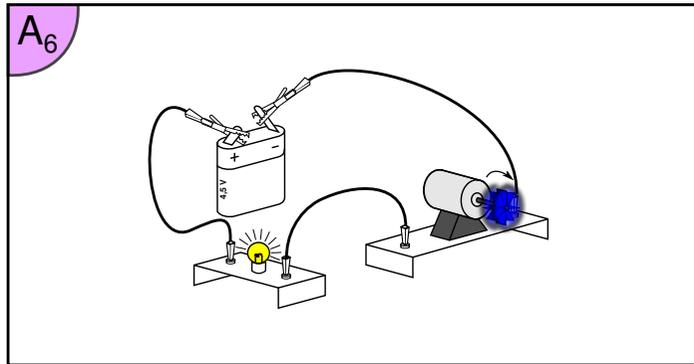
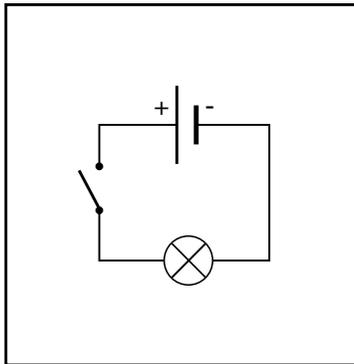
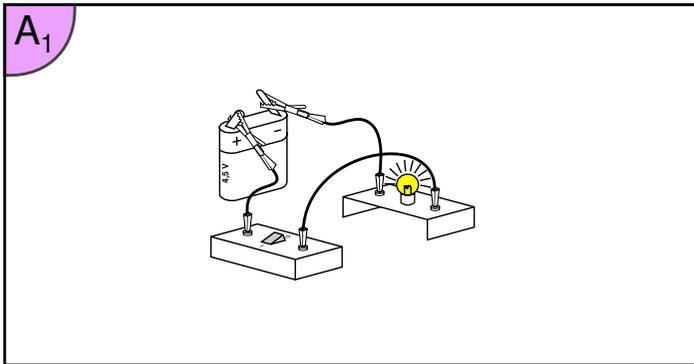
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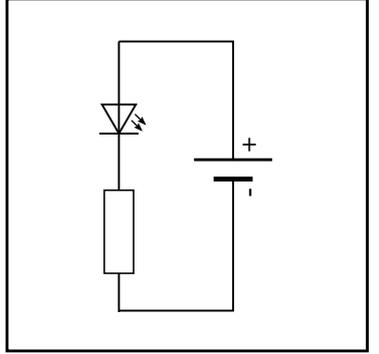
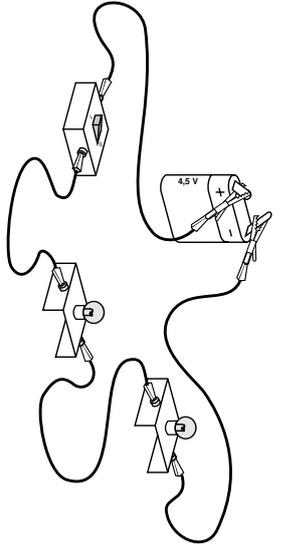
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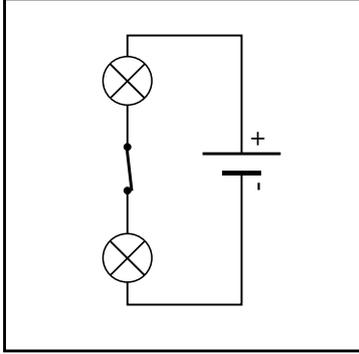
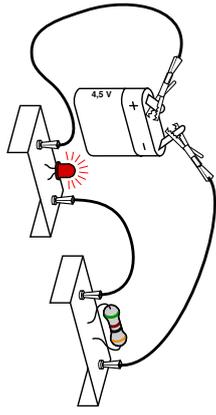
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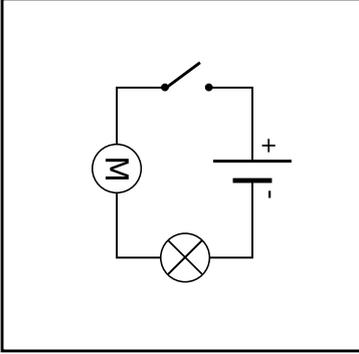
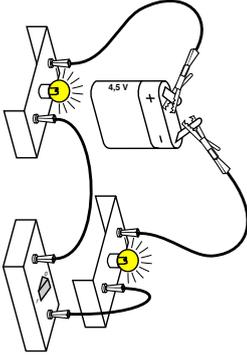
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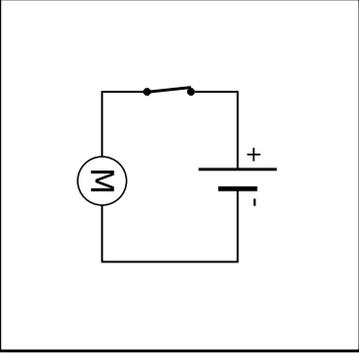
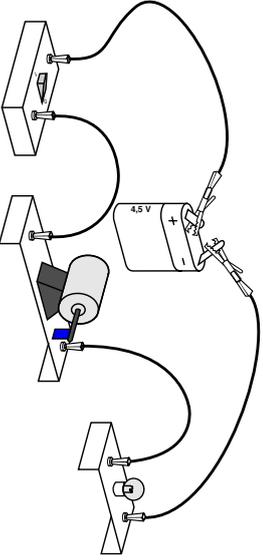
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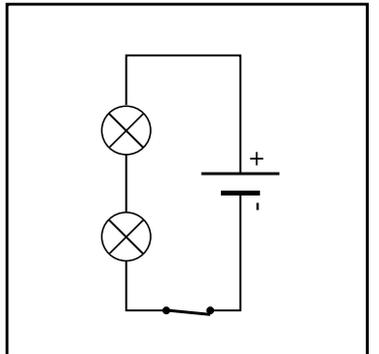
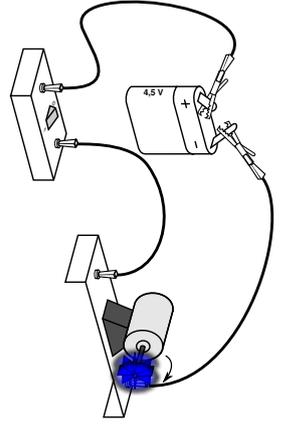
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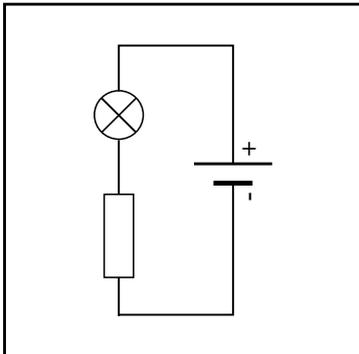
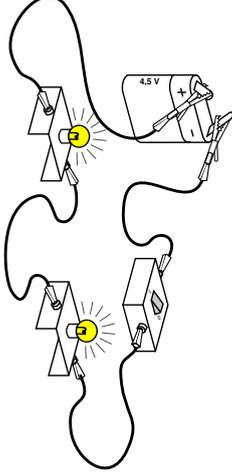
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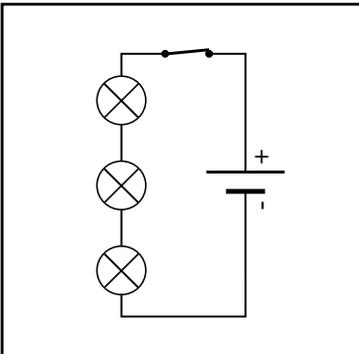
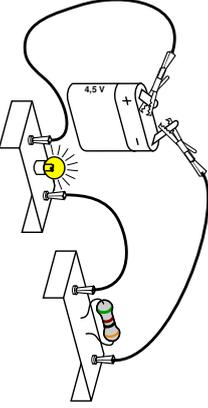
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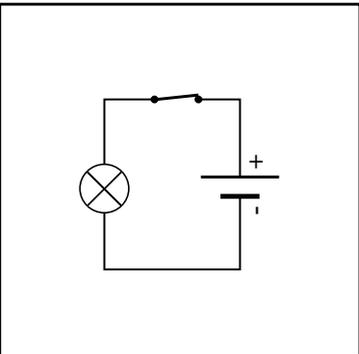
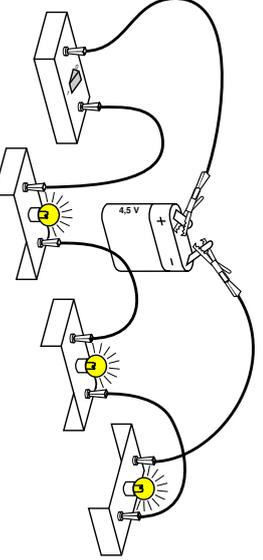
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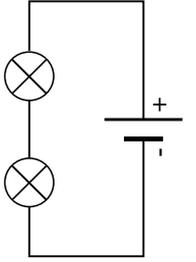
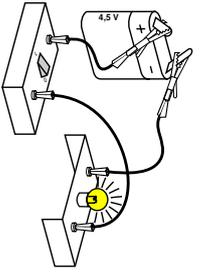
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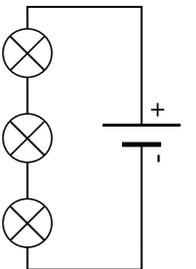
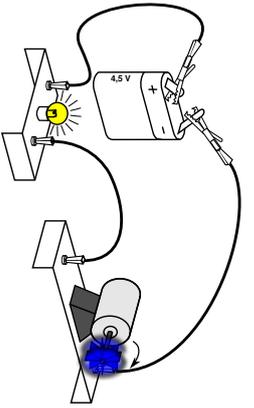
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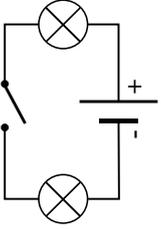
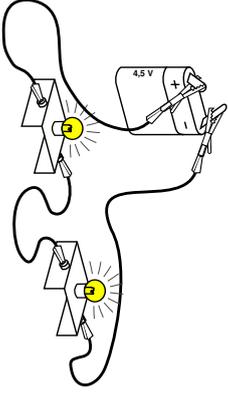
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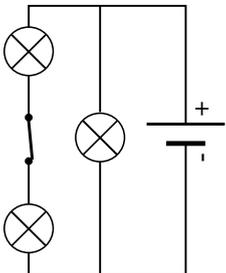
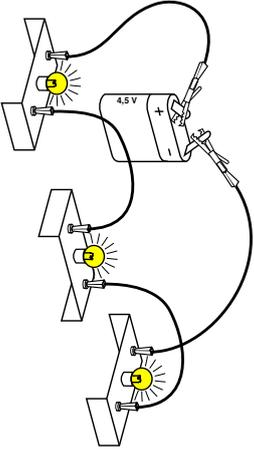
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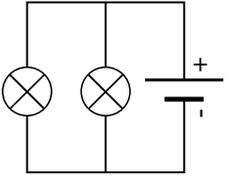
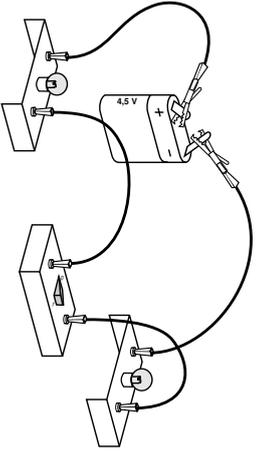
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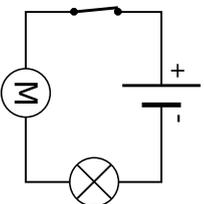
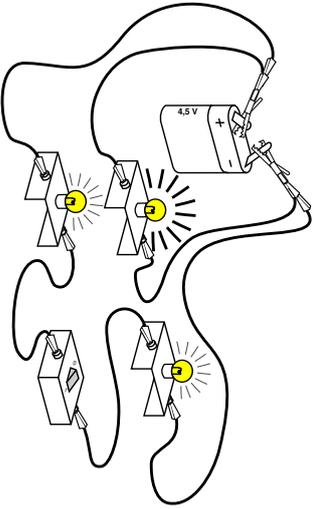
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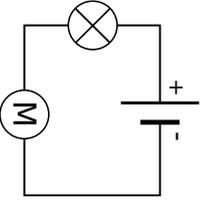
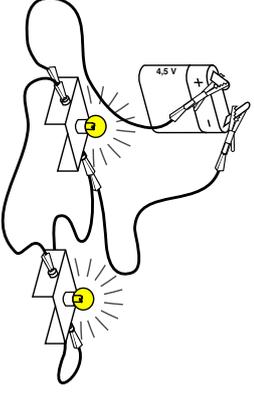
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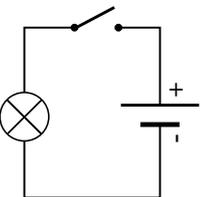
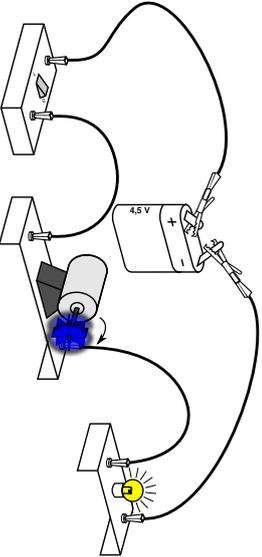
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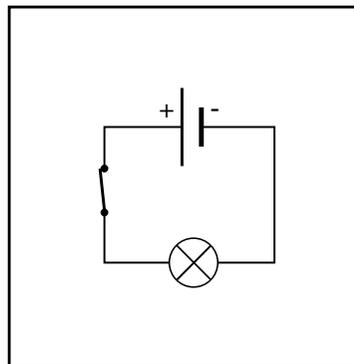
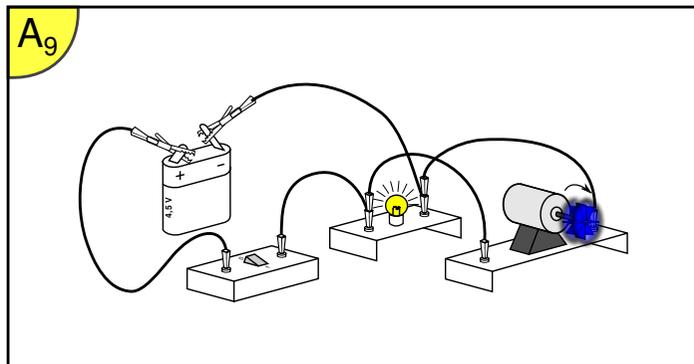
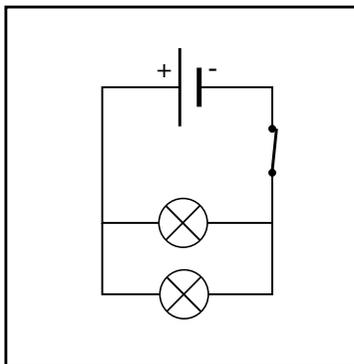
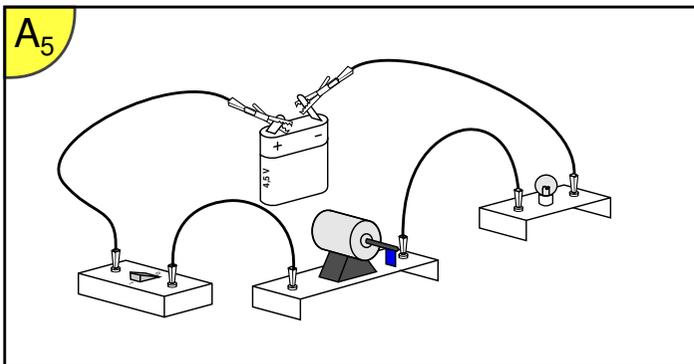
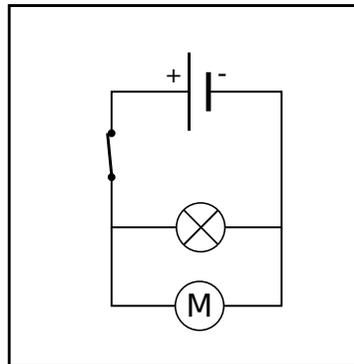
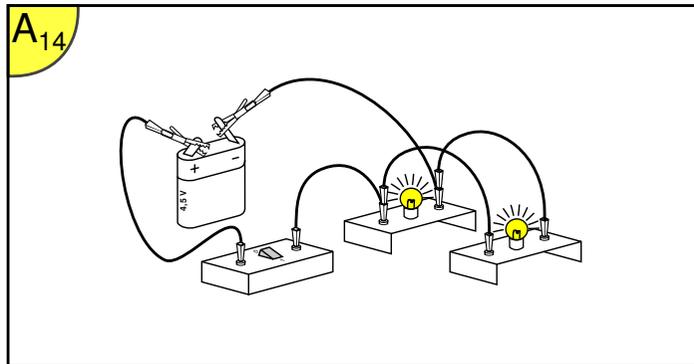
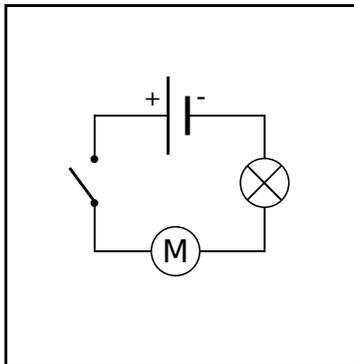
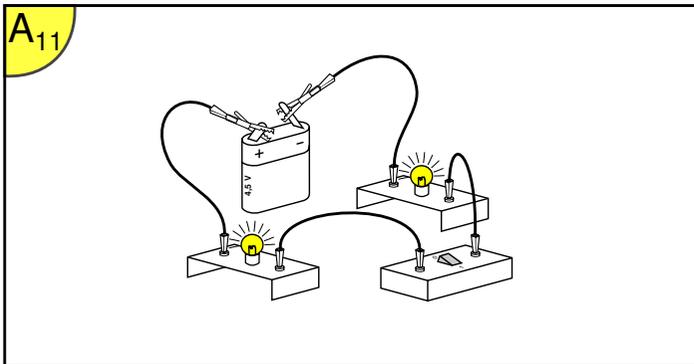
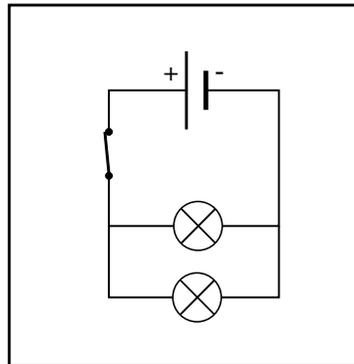
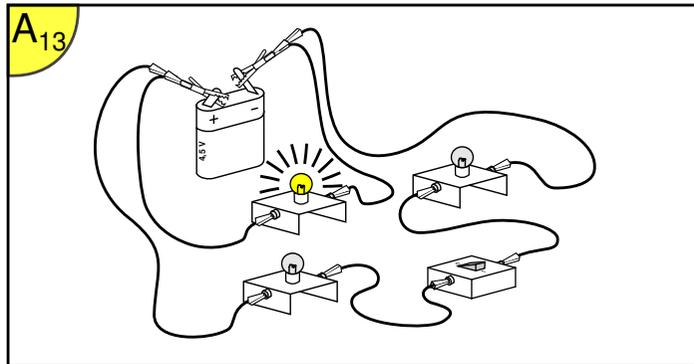
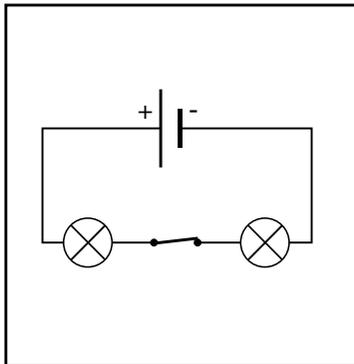
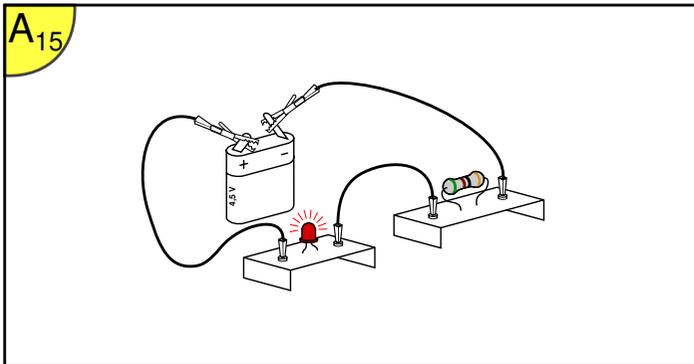
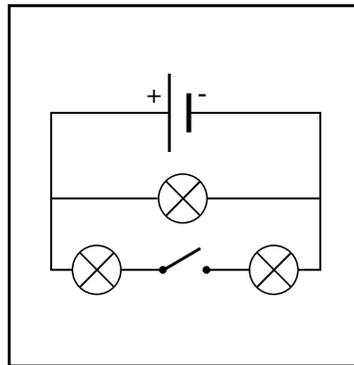
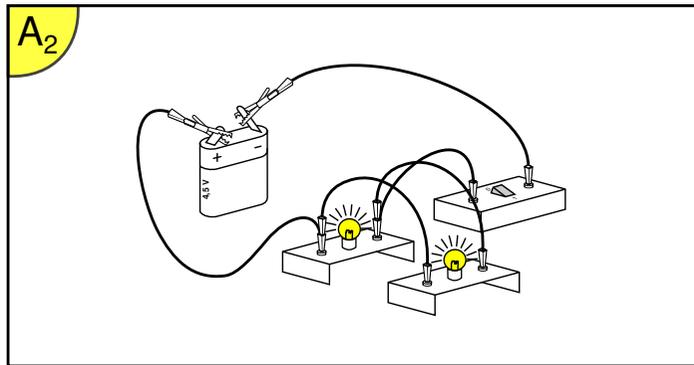
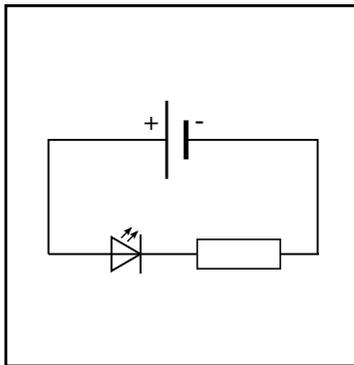
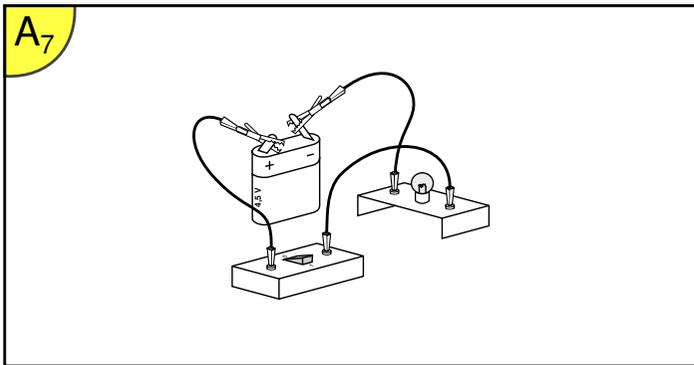


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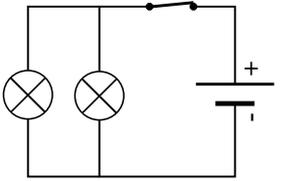
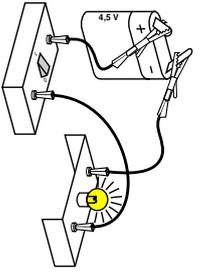


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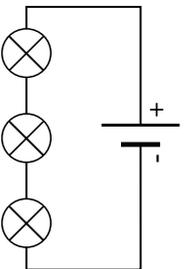
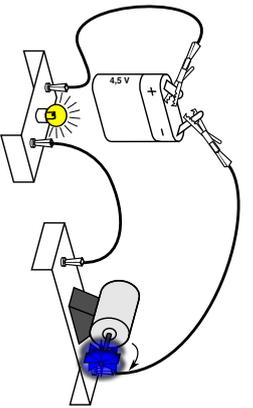




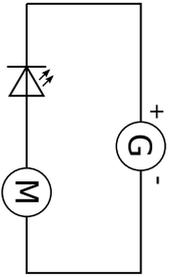
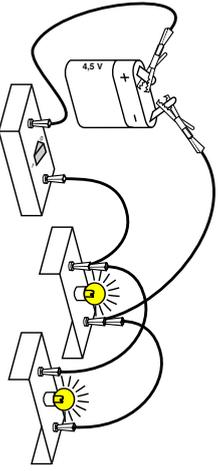
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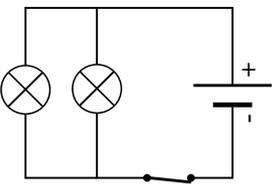
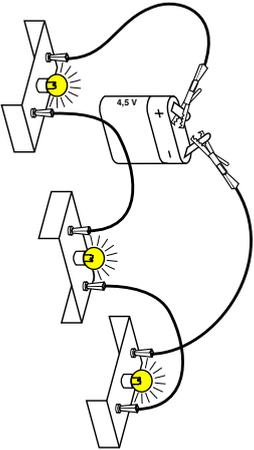
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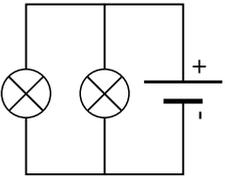
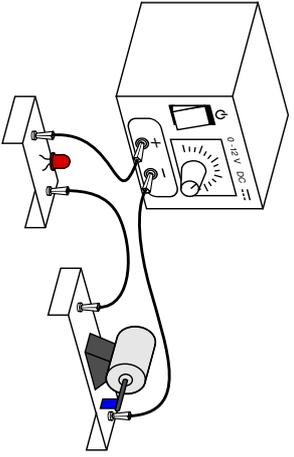
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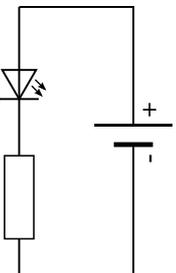
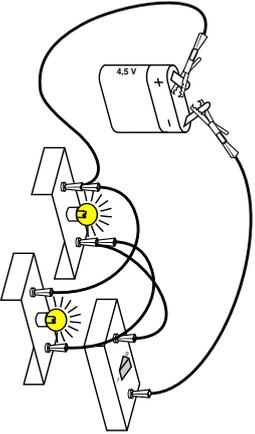
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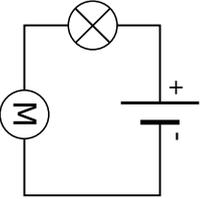
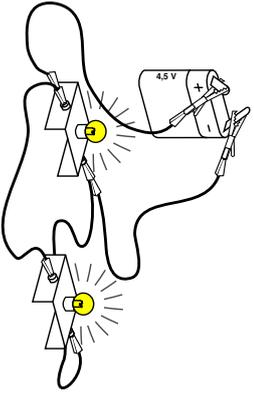
A7



A12



A9



A6

