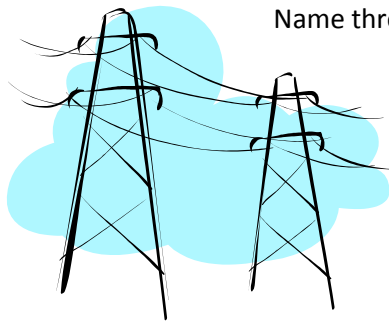
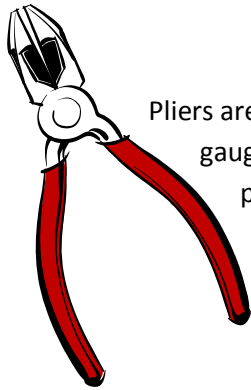


Electricity enters our cities on high tension lines.

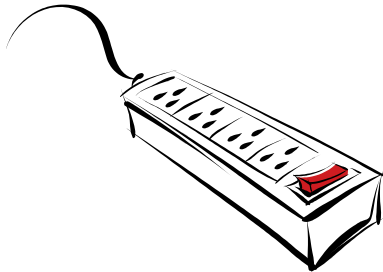


Name three ways Electricity is generated in Ontario.

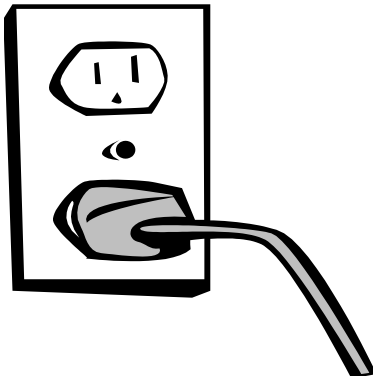
1. _____
2. _____
3. _____



Pliers are known to pinch and should not be taken on lightly as this tool cuts through 8 gauge insulated wire. It is important to learn to use the pliers before attempting permanent house wiring as full contact and protection from vibration can only be accomplished through tight twisting and connecting of stripped wires using the plier.



Power bars offer a safe fused source of electricity with multiple plug outlets. You may recognize this from your home computer where it is used to protect your computer from spikes in current. It is much better to have the fuse on a power bar to switch off than to have an electronic appliance damaged. We can use the power bar to test an electric appliance without tripping the breaker in our home or school.



Electrical outlets are the most common means of attaching appliances to a power source. Each outlet is part of a circuit that includes a regulated number of other outlets and fixtures. For example in Ontario up to six outlets can be included on a 15 amperage circuit for general household use whereas only one outlet is allowed on a 20 amperage circuit used for a home refrigerator.