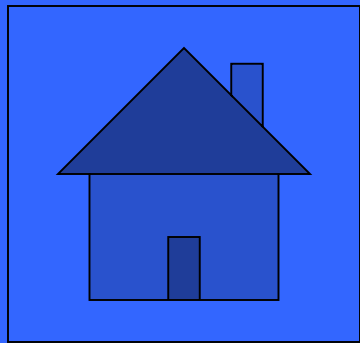


Word Power	Energy and Electricity	Natural Resources	Making Energy
<u>\$100</u>	<u>\$100</u>	<u>\$100</u>	<u>\$100</u>
<u>\$200</u>	<u>\$200</u>	<u>\$200</u>	<u>\$200</u>
<u>\$300</u>	<u>\$300</u>	<u>\$300</u>	<u>\$300</u>
<u>\$400</u>	<u>\$400</u>	<u>\$400</u>	<u>\$400</u>
<u>\$500</u>	<u>\$500</u>	<u>\$500</u>	<u>\$500</u>

The basic unit of
matter.

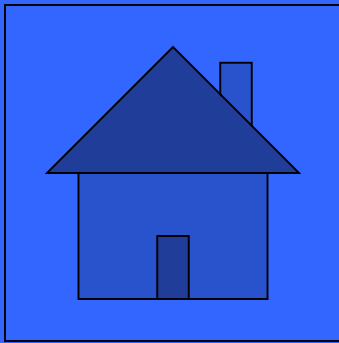
What is an atom?



Category 1: \$100: Q

One of the
particles that
makes up an atom
– has a negative
charge.

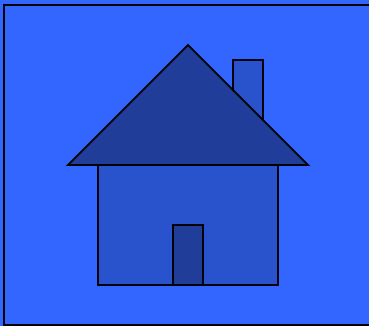
What is an electron?



Category 1: \$200: Q

An energy source
formed from the
decomposition of
dead organisms.

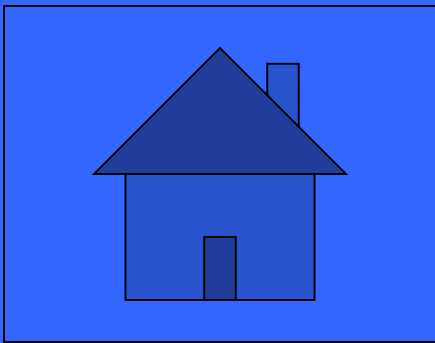
What is a fossil fuel?



Category 1: \$300: Q

A measurement of
the power an
electrical current
has.

What is a watt?

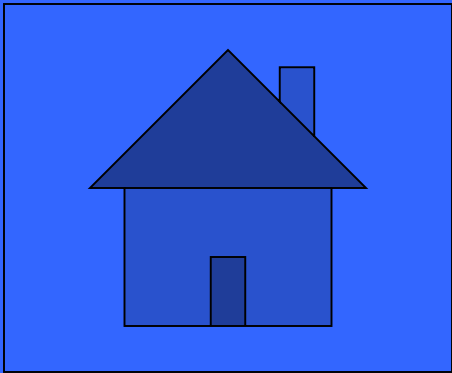


Category 1: \$400: Q



A material whose atoms transfer (or share) electrons easily.

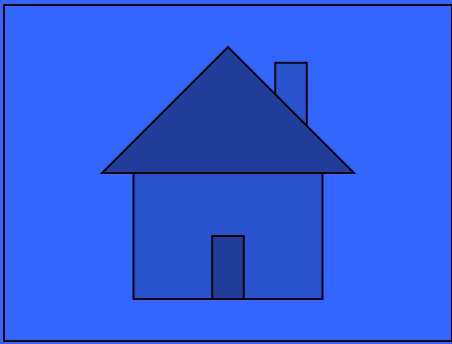
What is a conductor?



Category 1: \$500: Q

This is the ability to
do work.

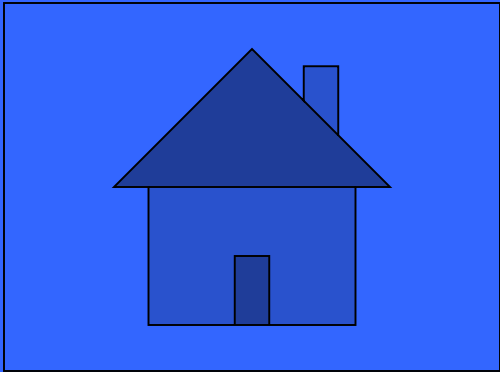
What is energy?



Category 2: \$100: Q

The energy of
moving electrons.

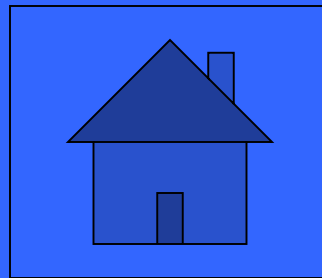
What is electrical energy?



Category 2: \$200: Q

A material whose
atoms do not
share electrons
easily.

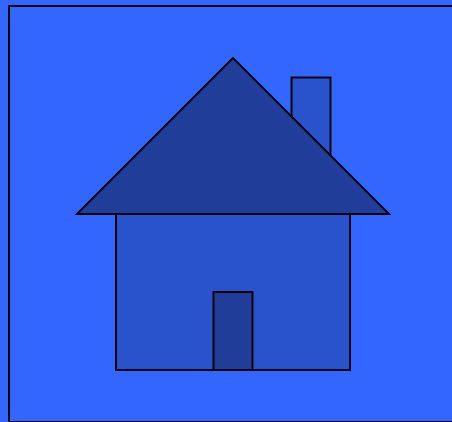
What is an insulator?



Category 2: \$300: Q

The measurement
that shows how
much energy is used
over time by a
device.

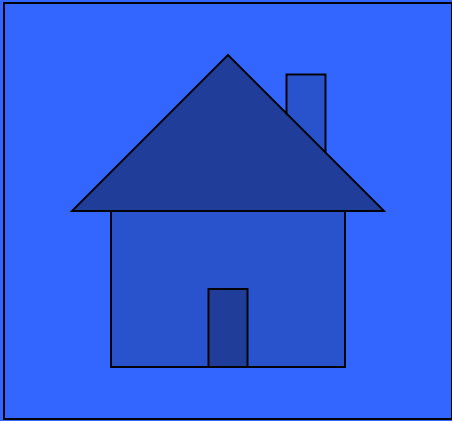
What is a kilowatt-hour (kWh)?



Category 2: \$400: Q

This many kWh
will be used by a
100 watt light bulb
if left on for 1 hour.

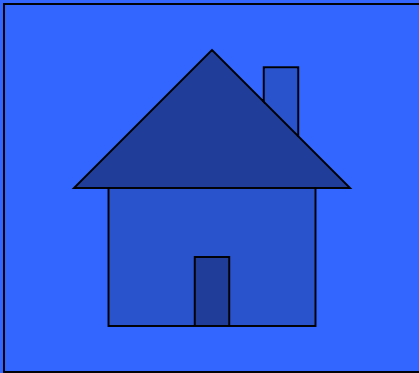
What is 0.1 kWh?



Category 2: \$500: Q

A resource that
exists in finite
amounts on our
planet and cannot
be replenished.

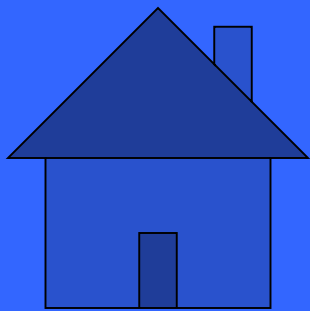
What is a nonrenewable resource?



Category 3: \$100: Q

This is an example of
a renewable resource
often used in energy
production.

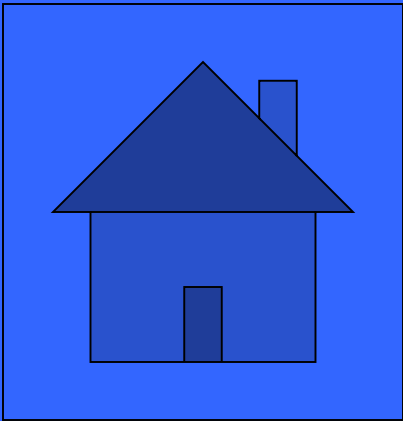
What is wind,
water, or solar
energy? (Any
one is fine)



Category 3: \$200: Q

This fossil fuel is used to produce most of the energy in the US, but also produces the most air pollution.

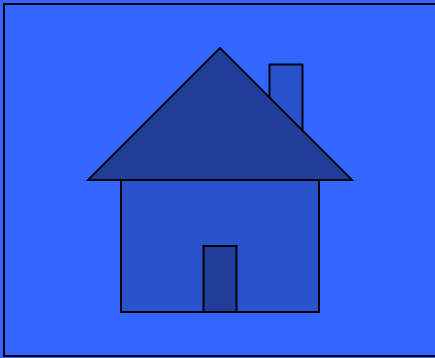
What is coal?



Category 3: \$300: Q

At these places, we
control the amount
of water that passes
and use it to create
energy.

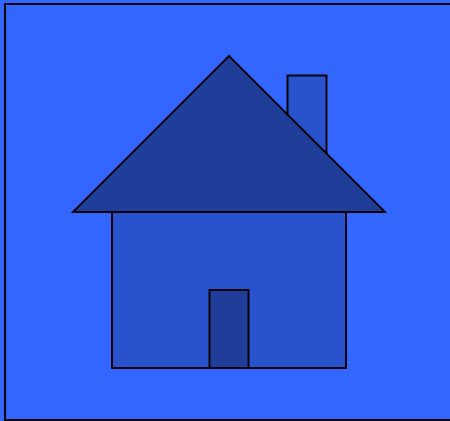
What are dams?



Category 3: \$400: Q

This resource doesn't
create pollution, but
does sometimes kill
birds or bats.

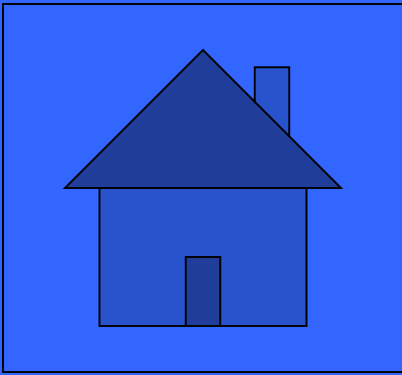
What is wind?



Category 3: \$500: Q

A device that moves
a magnet near a wire
to create a steady
flow of electrons.

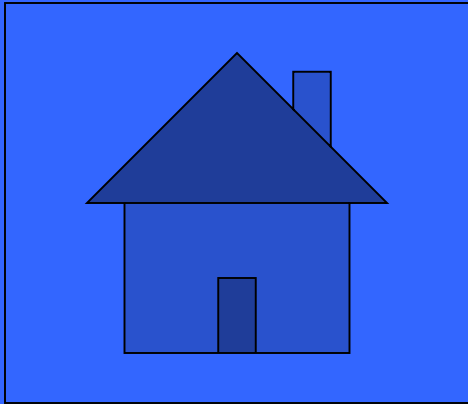
What is a generator?



Category 4: \$100: Q

Electric generators usually convert this form of energy into electrical energy.

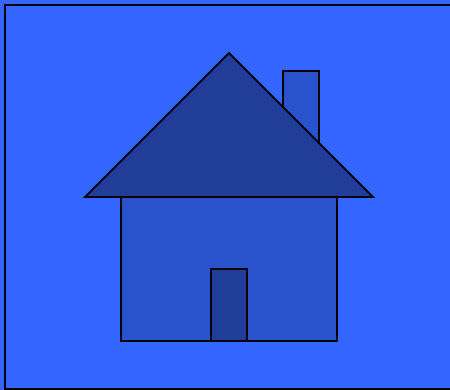
What is mechanical energy?



Category 4: \$200: Q

This form of energy
production produces
radioactive waste
materials that must be
stored carefully.

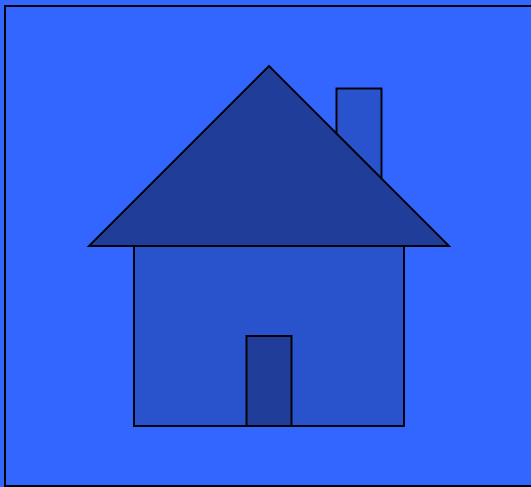
What is
nuclear
energy?



Category 4: \$300: Q

This physicist was
the first to discover
that magnets can
produce electrical
currents.

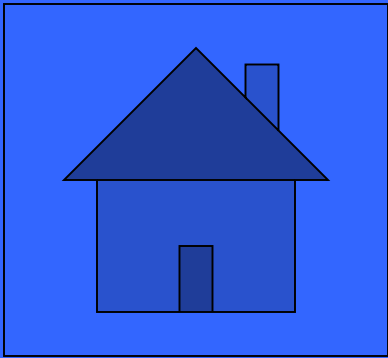
Who is Michael Faraday?



Category 4: \$400: Q

A drawback of this
type of energy
production is that it is
very expensive to set
up.

What is solar energy?



Category 4: \$500: Q