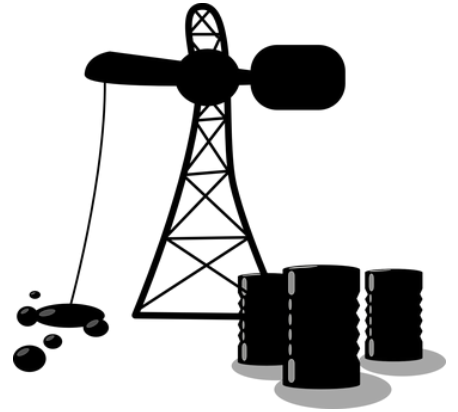


Name: \_\_\_\_\_

## Energy Sources: Oil

Oil is a black liquid composed of hydrocarbons, a compound of hydrogen and carbon, which is why it contains so much energy. To be used efficiently, it must be processed.



### Petrochemical industry

The petrochemical industry is responsible for processing oil to obtain several derivative products. The most important is the combustible fuel because it can be used to produce electricity and gasoline for vehicles, boats, and airplanes.



### The past and the future

Most scientists believe that oil was formed millions of years ago from organic remains of plants and animals which were pressed by the weight of the sediment layers. In ancient times, the Egyptians used oil in the conservation of the mummies, and the Romans used it as fuel for lighting. Oil is the most polluting non-renewable source of energy; so, at some point in the future, it will no longer be profitable to extract it.

### Answer the following questions:

1. Why does oil contain so much energy?

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2. What do you get from oil?

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3. How was the oil formed?

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4. What did the Egyptians use oil for?

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5. Why will we be forced to stop using oil?

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