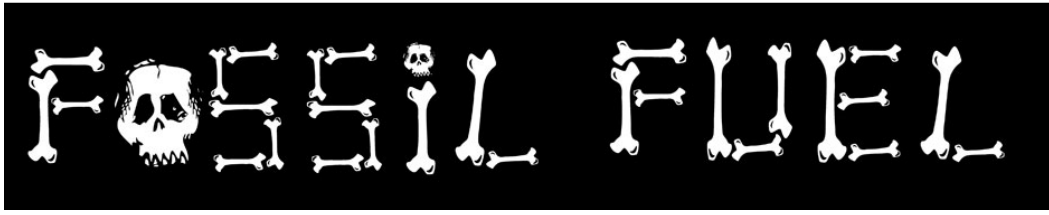


NAME \_\_\_\_\_ HOUR \_\_\_\_\_



## **COAL**

**35pts**

1. What kind of plants turned into coal?
2. Describe coal's physical characteristics (color, texture, etc.)
3. What state of matter is coal?
4. When we dig it out of the ground, what is that called?
5. What are the 2 types of mines? \_\_\_\_\_
6. What special thing can we do to a coal "rock?"
7. What is a negative thing about using coal? Name at least 2  
\_\_\_\_\_
8. Why didn't the swamp plants just rot and decompose turning into dirt and CO<sub>2</sub>? (that's what happens to plants normally)
9. The plant matter was put under a lot of \_\_\_\_\_ and \_\_\_\_\_ due to the water and dirt pressing down on it.
10. What kind of change did the plants experience in order to become coal?

## **PETROLEUM**

11. Petroleum is another word for \_\_\_\_\_.
12. What is petroleum made from?
13. What 2 processes change dead organisms into petroleum?  
\_\_\_\_\_
14. Describe oil's physical characteristics.
15. What state of matter is petroleum?
16. Where do we process oil in order to turn it into gasoline, diesel fuel, tar, heating oil, and kerosene?
17. What do we do to petroleum products to get the chemical energy out of them?
18. What are the negative consequences of oil wells and oil pipelines? Name at least 2  
\_\_\_\_\_
19. What are the negative consequences of fracking? Name at least 2  
\_\_\_\_\_

20. Even if we get our oil in safe ways without polluting or causing earthquakes, what is the problem with using oil?

## **NATURAL GAS**

21. What state of matter is natural gas?
  22. How does natural gas form underground?
  23. How is natural gas moved around?
  24. What do flags by someone's house indicate?
  25. What does the meter on the outside of a house do?
  26. What are some ways we use natural gas? Name at least 2
- 

27. What is a danger associated with natural gas?

## **HOW TO MAKE ELECTRICITY**

28. Put the steps in order by connecting arrows to each box. (1pt)

