

Ch.19 review
Answer the following questions

1. List 3 non renewable resources - **coal, oil, natural gas**
2. List 4 renewable resources. - **water, wind, solar, geothermal**
3. List the 3 main fossil fuels - **coal, oil, natural gas**
4. Which country has the largest proven reserve of coal? **United states**
5. In the U.S., coal, oil and natural gas supply what percentage of our energy? **79%**
6. True or false, Industrialized countries consume less energy than industrialized nations
false
7. What is the world's most abundant fossil fuel? **coal**
8. Which country consumes and produces the most oil in the world? **U.S**
9. What are some main uses of coal? **Generate power, heating, steel**
10. What are some of the main uses of natural gas? **Heating and electricity**
11. What are some of the main uses for oil? **Transportation and electricity**
12. What will occur when peak oil is hit and demand for oil holds steady or rises while extraction declines? **The prices will go up and there will be a shortage.**
13. What are the new techniques we are using to find and extract new fossil fuel deposits?
Surface mining and horizontal drilling. Offshore drilling and secondary extraction.
14. What are some problems with hydraulic fracturing? **It can damage the water supply**
15. What percentage of oil extracted from the U.S. comes from offshore drilling? **15%**
16. What are the 3 sources of "unconventional" fossil fuels? **Shale gas, coalbed methane and tight gas.**
17. What type of disease is most common in coal miners? **pneumoconiosis**
18. What are setbacks of strip mining? **Ecosystems will be destroyed, flooding and other hazard waste.**
19. What are setbacks of oil and natural gas exploration and extraction? **Natural gas is toxic and gaas leaks could lead to explosions**
20. What are ways we transport fossil fuels? **Pipelines, trains and railroads**
21. What are the risks to pipelines that could cause leaks? **Welding failure and natural force damage.**
22. What oil pipeline from Canada has been stopped or postponed from being constructed?
Keystone XL
23. The Deep water horizon oil spill happened in what body of water? **Gulf of Mexico**
24. What type of emissions drive climate change? **greenhouse gasses such as carbon dioxide and methane.**
25. What is energy efficiency? **Ways to save energy**
26. List some ways we can become more energy efficient in our homes? **Insulation and turn lights off when not using them**
27. How can automakers enhance fuel efficiency for conventional gasoline powered vehicles? **Certain designs can reduce drag on the vehicle and using lighter materials**

Environmental Science Chapter 19 Answers

Arturo Cuomo



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