

Name: _____

Unit 5: Earth's Energy Resources: Honors Review

Directions: These questions may require independent research, critical thinking, hypothesizing, and comparing.

1. Create a table to define and give an example of each term: nonrenewable, renewable and perpetual resources.

2. Inference: Why do we continue to use nonrenewable resources even though we know they are harming the environment and will not last forever. Two sentence minimum.

3. Describe the importance of reclamation after mining in two sentences.

4. Explain how human activities can affect the lithosphere. Use an example to explain. (Hint: think of the photo identification activity)

5. Compare and contrast the formation of coal and oil. How are these processes similar and how are they different?

6. Nuclear energy is defined as a nonrenewable energy source because there is a limited amount of uranium; however, recent development this energy has increased. Predict why this is true despite some of the potential risks.

7. Write five-sentences explaining which type of renewable energy source would be best for North Carolina. In your response include, why you believe it would be a good option for our state of North Carolina specifically based on our states environmental characteristics. Also include how this technology needs to be implemented to help us Americans stop our dependency on fossil fuels.