**Name:**

**Date:**

**School:**

**Facilitator:**

4.02 Fossil Fuels

**Directions: Answer the following questions based on the lesson content.**

1. What is the main carbon compound in natural gas? What chemical is added to natural gas? Why is the chemical added to natural gas?

2. Compare and contrast how the different types of fossil fuels formed. (Hint: what each is formed from and how they formed.) Briefly explain how each type of fossil fuel was formed.

3. List the three types of coal. Which type has the most energy trapped in it? Which type has the least amount of energy trapped in it?

4. Which type of fossil fuel is the most common form of energy used in transportation? List at 3 examples of products that come from this particular type of fossil fuel.

5. Which fossil fuel is the “cleanest burning”? Why?

6. Explain how available, affordable energy is important to a countries standard of living.