Short Essay: Hydrogen Fuel

Directions: Type your answers in the space below each question. Then compare your answer to the sample answer.

Questions

1. What is the major disadvantage of using hydrogen fuel?

2. Why must special care be taken when storing and transporting hydrogen fuel?

3. Under what circumstances would the production of hydrogen fuel be the least polluting?

Templated Game	

Sample Answers

1. The major disadvantage is that hydrogen does not exist by itself in nature. It must be extracted from other substances, and this requires additional energy. It is like spending money to get money.

2. Hydrogen is a gas and it can explode when storing and transporting it.

3. Electricity is required to produce hydrogen fuel. So we have to use fossil fuels in electrical power plants to create hydrogen, which means creating the pollution that comes with burning fossil fuels. But if we can use clean renewable sources to produce the electricity to make hydrogen fuel, then there is less pollution.