

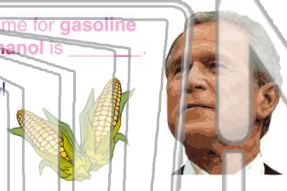


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 In 2007, President George W. Bush encouraged Americans to produce and use more **renewable fuels** such as ethanol (a type of alcohol) made from corn.

The popular name for gasoline mixed with ethanol is \_\_\_\_\_

A ethagasahol  
B gasohol  
C biogas  
D biomix



2 A single **acre** of corn can produce enough corn to make **1,000** liters of alcohol for gasoline. The population of the United States consumes approximately **1,510,000,000** (1.51 billion) liters of gasoline every day. How many acres of corn would we need to harvest in order to replace the gasoline consumed each day?

- A 151 acres
- B 1.51 million acres
- C 151 million acres
- D 151 billion acres



3 Which of the following is an example of **biomass**?

A tree branches



4 The **process** of **splitting the nuclei** of radioactive elements to release energy is called \_\_\_\_\_.



5 **PREVIEW**  
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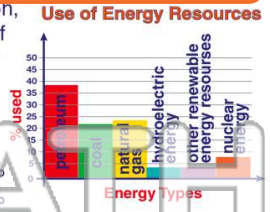
7 source of energy?

A coal  
B methane  
C ethanol  
D propane



Based on this graph, what **percentage** of the world's **energy consumption** is of **nonrenewable** sources?

A 92% C 38%  
B 84% D 46%



9 Renewable resources are practically **limitless** because we can easily replace them as needed. Is this a **true or false** statement and **why**?

A true; because they can be easily grown in large amounts  
B false; because it is possible to consume renewable resources faster than they grow back  
C true; because renewable resources are limitless by definition  
D false; because some renewable resources, like oil, are deep in the earth's crust

10 **1,510,000,000** liters of gasoline are consumed every day in the United States. If we were able to reduce consumption by **2%**, how many liters would be **saved** in the course of a **year**?

- A 30.2 million liters
- B over 11 million liters
- C over 11 billion liters
- D less than 11 million liters





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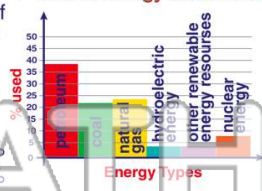
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