

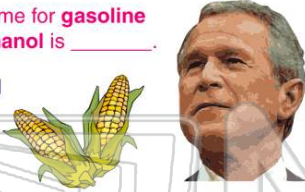


Name _____ Class _____ Date _____

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



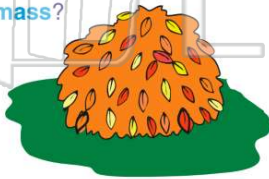
2 A single **acre** of corn can produce enough corn to make **1,000** liters of alcohol for gasoline. The population of the United States consumes approximately **1,510,000,000** (1.51 billion) liters of gasoline every day. **How many acres** of corn would we need to harvest in order to replace the gasoline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

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



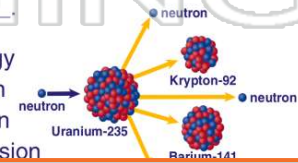
3 Which of the following is an example of **biomass**?

- A tree branches
- B cow dung
- C dried leaves
- D all of the above



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

- A nuclear energy
- B nuclear fusion
- C nuclear fission
- D nuclear explosion



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PREVIEW

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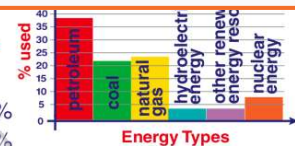
7

- B methane
- C ethanol
- D propane



consumption is of **nonrenewable** sources?

- A 92%
- B 84%
- C 38%
- 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





ANSWER KEY

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 _____.

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(b)

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
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(b)

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

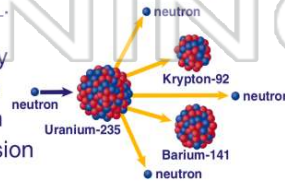
- A tree branches
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(d)

The **process** of **splitting the nuclei** of radioactive elements to release energy is called _____.

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(c)



PREVIEW

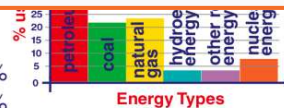
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- C ethanol
- D propane



of non-renewable sources?

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

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(b)

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(c)