





Name _____ Class _____ Date _____

1 **Petroleum and natural gas** are formed from the remains of _____.



A dead trees
B dinosaurs
C carbonate minerals like calcite
D ancient, microscopic sea organisms

2 Here is a picture of a coal mine. In certain digging called **strip mining**, the surface land is literally stripped away to get at the coal seams underneath. **What does this lead to environmentally?**



A instability of surface topography
B surface water runoff pollution
C both of the above
D none of the above


3 In this picture, the marble is being eaten away by pollution. **The particular pollution causing this destruction is _____.**



A smog
B acid rain
C groundwater pollution

4 What is the **original source** of all the energy stored in all fossil fuels?

A nutrients in the soil
B carbon dioxide in the air
C the sun
D nutrients in the ocean waters



5



PREVIEW

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7

A coal
B wind
C water
D light



A They are interesting local scenery.
B The wind is strong and not blocked by trees, buildings, and other objects.
C The wind is colder on high hilltops.
D The wind is weaker, but more predictable.


9 Moving water is renewable energy that has been harnessed since ancient days and is now used to make electricity. This is called **hydroelectric energy**. **What is one problem with the use of hydroelectric energy?**



A large amounts of falling water are needed to make large amounts of electricity
B air pollution
C technology to build dams is limited
D none of the above

10 **Organic material** that stores energy is called _____.

A ethanol
B kerosene
C geothermal energy
D biomass





ANSWER KEY

Petroleum and **natural gas** are formed from the remains of _____.



- A dead trees
- B dinosaurs
- C carbonate minerals like calcite
- D ancient, microscopic sea organisms

(d)

Here is a picture of a coal mine. In certain digging called **strip mining**, the surface land is literally stripped away to get at the coal seams underneath.

What does this **lead to** environmentally?



- A instability of surface topography
- B surface water runoff pollution
- C both of the above
- D none of the above

(c)

In this picture, the marble is being eaten away by pollution. The **particular pollution** causing this destruction is _____.



- A smog
- B acid rain
- C groundwater pollution
- D all of the above

(b)

What is the **original source** of all the energy stored in all fossil fuels?

- A nutrients in the soil
- B carbon dioxide in the air
- C the sun
- D nutrients in the ocean waters



(c)



PREVIEW

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- B wind
- C water
- D light



- B The wind is strong and not blocked by trees, buildings, and other objects.
- C The wind is colder on high hilltops.
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Moving water is renewable energy that has been harnessed since ancient days and is now used to make electricity. This is called **hydroelectric energy**. What is **one problem** with the use of hydroelectric energy?



- A large amounts of falling water are needed to make large amounts of electricity
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- C technology to build dams is limited
- D none of the above

(a)

Organic material that stores energy is called _____.



- A ethanol
- B kerosene
- C geothermal energy
- D biomass

(d)