




Name _____ Class _____ Date _____

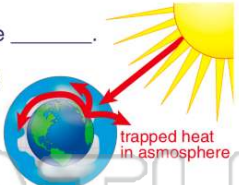
1 In addition to respiratory effects on humans, **air pollution** is **also** known to be responsible for _____.

A lead and arsenic poisoning
B arthritis
C tuberculosis
D diabetes



2 Gases in the earth's atmosphere, like water vapor and carbon dioxide, **hold heat energy** near the **earth's surface**. This process **naturally** occurs **without** the added levels of carbon dioxide created by burning fossil fuels. This process is called the _____.

A global warming effect
B greenhouse effect
C acid rain effect
D radiation balance




3 **Global warming** is to the **greenhouse effect** as _____.

A a house is to a car
B work is to salary
C the earth is to the moon
D sick is to a virus



4 The **greenhouse effect** is similar to what happens when _____.

A an ice cube is left on the table in the summer
B a car is parked in the sun on a hot day
C a hot air balloon rises in the sky



5




PREVIEW

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6

A sludge
B secondary pollution
C point-source pollution
D nonpoint-source pollution



and rags, is called _____.

A primary treatment
B secondary treatment
C chlorination
D aeration



9 At a water treatment facility, after wastewater has been filtered, it is then **aerated with special bacteria** that literally **consume** and **digest** waste material in the water. This **step** of the water purification process is called the _____.

A primary treatment
B secondary treatment
C chlorination
D sludge



10 If the toilet in your home uses **2.5 gallons of water per single flush**, and you use the toilet **6 times** a day, how much water will you **save** each year if you **replace** the toilet with one that uses only **1.6 gallons per flush**?

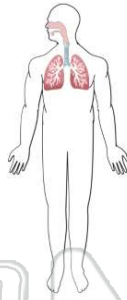
A 54 gallons/year
B 540 gallons/year
C 1,971 gallons/year
D 19,710 gallons/year





ANSWER KEY

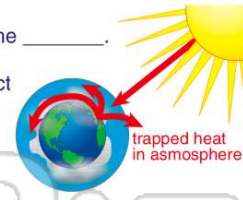
In addition to respiratory effects on humans, **air pollution** is **also** known to be responsible for _____.



- A** lead and arsenic poisoning
- B** arthritis
- C** tuberculosis
- D** diabetes

(a)

Gases in the earth's atmosphere, like water vapor and carbon dioxide, **hold heat energy** near the **earth's surface**. This process **naturally** occurs **without** the added levels of carbon dioxide created by burning fossil fuels. This process is called the _____.



- A** global warming effect
- B** greenhouse effect
- C** acid rain effect
- D** radiation balance

(b)

Global warming is to the **greenhouse effect** as _____.

- A** a house is to a car
- B** work is to salary
- C** the earth is to the moon
- D** sick is to a virus



(d)

The **greenhouse effect** is similar to what happens when _____.

- A** an ice cube is left on the table in the summer
- B** a car is parked in the sun on a hot day
- C** a hot air balloon rises in the sky
- D** a wood stove is filled with wood to burn



(b)



PREVIEW

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- C** point-source pollution
- D** nonpoint-source pollution



- A** primary treatment
- B** secondary treatment
- C** chlorination
- D** aeration



At a water treatment facility, after wastewater has been filtered, it is then **aerated** with special **bacteria** that literally **consume** and **digest** waste material in the water. This **step** of the water purification process is called the _____.

- A** primary treatment
- B** secondary treatment
- C** chlorination
- D** sludge



(b)

If the toilet in your home uses **2.5 gallons of water per single flush**, and you use the toilet **6 times** a day, how much water will you **save** each year if you **replace** the toilet with one that uses only **1.6 gallons per flush**?

- A** 54 gallons/year
- B** 540 gallons/year
- C** 1,971 gallons/year
- D** 19,710 gallons/year



(c)