

Review Game: Oil

Directions: Read each answer and select the appropriate question.

Category 1: Oil Formation

100 What is crude oil?

a type of oil that has very few hydrocarbons in it
what petroleum is called when it first comes out of the ground
oil that has been formed in the last 100 years

200 About how many years ago did oil form?

100,000
10 million
100 to 500 million

300 Oil is formed from the decay of

swamp plants
ancient marine organisms
present day plants and animals

400 Oil contains many ____, which burn easily.

hydrocarbons
nitrogen atoms
water molecules

Category 2: Oil Reserves

100 To be an oil reserve, a deposit must be

economically profitable
deeply buried
very old

200 The worldwide largest exporter of oil is

Korea
Japan
Saudi Arabia

300 The world's 3 biggest users of oil are

Japan, Russia, China
China, US, Japan
Korea, Saudi Arabia, Russia

400 Which one may decrease oil supplies?

increased demand from rapidly developing nations like China
new discoveries of previously unknown reserves
energy conservation

Category 3: Oil Refining

100 How is oil refined?

by heating to various temperatures
by separation through a sieve
by mixing with acidic chemicals

200 What happens at an oil refinery?

Oil is cleaned from the environment.
Oil is heated and converted to useful products.
Oil is burned to produce electricity.

300 What can be made from crude oil?

automotive gasoline
wax
both of these

400 What is the world's largest business?

the oil industry
gold mining
automotive manufacture

Category 4: Offshore Drilling

100 What is offshore drilling?

looking for and drilling for oil underwater near the shoreline

drilling for oil on the land that makes up the world's beaches
drilling for oil within the interiors of continents

200 What is a problem of offshore drilling?

transportation difficulties
environmental harm from oil spills
high risk of explosions

300 ____ lifted a ban on offshore drilling.

President Bill Clinton
President George H. W. Bush
President George W. Bush

400 Offshore oil drilling would mean

more use of foreign oil in the U.S.
reduced oil independence in the U.S.
more sources of American oil

Answers

1. 2

Feedback: Crude oil is the petroleum, when it first comes out of the ground, before it has been refined.

2. 3

Feedback: Oil is a fossil fuel that formed 100 to 500 million years ago.

3. 2

Feedback: Oil forms from the decay of ancient marine organisms.

4. 1

Feedback: Oil contains many hundreds of hydrocarbon molecules, which contain carbon and burn easily.

5. 1

Feedback: An oil reserve is a deposit that has enough oil in it to be economically profitable.

6. 3

Feedback: Saudi Arabia is the largest exporter of oil worldwide.

7. 2

Feedback: The world's three biggest users of oil are China, the U.S., and Japan.

8. 1

Feedback: Increased demand for oil from rapidly developing nations may decrease our known oil supply.

9. 1

Feedback: Oil is refined by heating it to various temperatures to produce different products.

10. 2

Feedback: Oil is heated to convert it to useful products at an oil refinery.

11. 3

Feedback: Crude oil can be refined and converted to several products, including gasoline and wax.

12. 1

Feedback: The oil industry is the world's largest business.

13. 1

Feedback: Offshore drilling is the extraction of oil from underwater, near shorelines.

14. 2

Feedback: Offshore drilling is harmful to marine wildlife.

15. 3

Feedback: President George W. Bush lifted the ban on offshore drilling in hopes to find more American oil.

16. 3

Feedback: Offshore oil drilling would mean more sources of American oil.