

1. Many experts agree that there is no way to prevent significant global warming.
TRUE FALSE NOT GIVEN

2. To keep global warming at a reasonable level today the only option is to...?
A. Use geo-engineering.
B. Get all of the governments to agree to work together on a solution.
C. Cut back on carbon emissions.
D. Use a back-up generator.

3. Geo-engineering is term that means...
A. Getting many countries to work together to save Earth
B. Engineering a large-scale manipulation of the environment that would affect the entire earth
C. Mapping the places on the Earth where warming is most severe
D. Cooling the Earth at least 5 degrees C

4. What is an example that proves that geo-engineering works (at least on a small localized scale?)
A. The cooling of Russian rivers
B. Blue skies at the May Day in Moscow
C. Planting millions of trees across Europe
D. Reducing food waste

5. The idea for using aerosol sprays in the stratosphere to cool the Earth came from the results of a volcanic eruption.
TRUE FALSE NOT GIVEN

6. Aerosol spray would disperse (break up) clouds and would lead to a global dimming.
TRUE FALSE NOT GIVEN

7. Which geo-engineering solution has NOT been proposed by scientists?
A. Using aerosol sprays in the stratosphere.
B. Drilling wells in the deserts across the globe to find water.
C. Preserving the ice sheets of Greenland with cables.
D. Planting millions of trees

8. What is the only permanent solution to global warming?
- E. Developing renewable energy.
 - F. Recycling.
 - G. Putting trash in bins and trash cans.
 - H. Passing new laws.
9. All of the proposed geo-engineering ideas using aerosols would affect...
- E. Icebergs
 - F. Trees
 - G. Rainfall
 - H. Rivers
10. The main reason geo-engineering is supported by scientists is
- A. All other solutions have already been tried before.
 - B. Scientists like to compete to come up with the most innovative ideas.
 - C. Scientists want to make their country more famous.
 - D. Scientists doubt that we will make enough progress by only reducing carbon emissions.

Vocabulary: Choose the vocabulary word that matches each picture.

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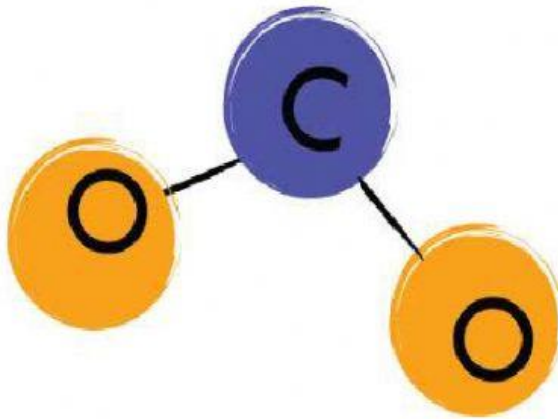
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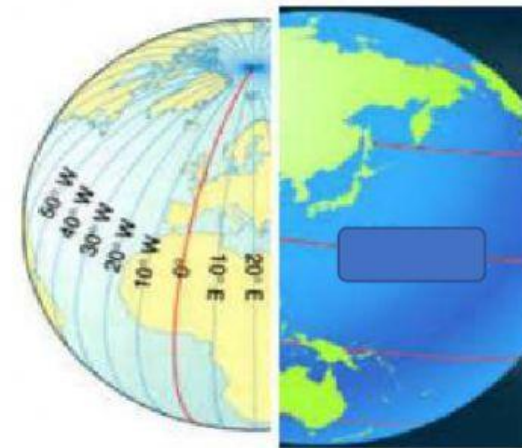
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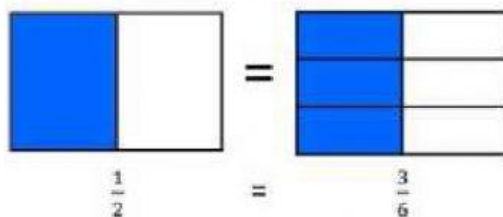
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23.



24.



25.



26. We need to reduce the _____ of carbon emissions to prevent global warming.

- a. Stride
- b. Scheme
- c. Alternative
- d. Volume

27. A synonym for the word "scheme" is...

- a. Parade
- b. Backup
- c. Plan
- d. Substitute

28. Geo-engineering has worked on a small scale when iron was deposited in the oceans to stimulate the growth of _____.

- a. Latitude
- b. Precipitation
- c. Community
- d. Algae

29. Which word means... to consider, to try, to explore, to find, to search
- a. Transparent
 - b. Replenish
 - c. Investigate
 - d. Volume
30. The idea of using aerosol sprays in geo-engineering would affect the ...
- a. ...equivalent.
 - b. ...stratosphere.
 - c. ...spacecraft.
 - d. ...alternative.