

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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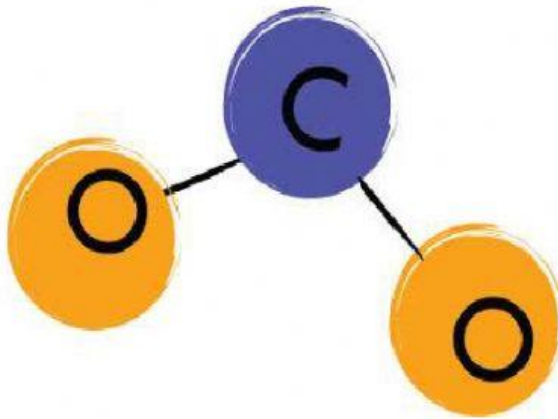
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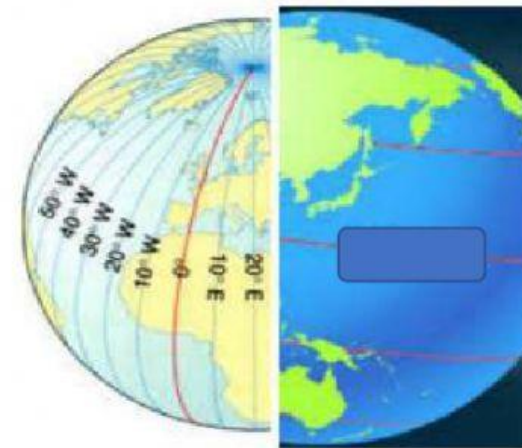
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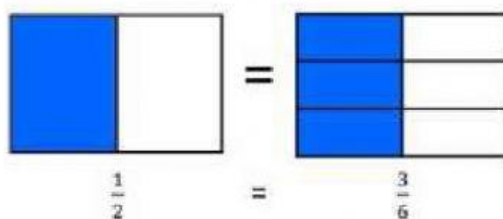
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23.



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.