

Name: _____

Date: _____

Social Studies

The Atmosphere Protects Us 1

Use your notes to assist you.

(A) Choose the correct answer.



1. The layers that surround the Earth is known as _____.

- (a) the atmosphere
- (b) global warming
- (c) acid rain
- (d) the mesosphere

2. Which **TWO** things are needed from the Sun for life?

- (a) radiation
- (b) heat
- (c) light
- (d) color

3. Which **TWO** gases are formed when fossil fuels are burnt?

- (a) sulfur
- (b) oxygen
- (c) nitrogen
- (d) carbon dioxide

4. Select **TWO** ways in which the atmosphere benefits mankind.

- (a) It protects us from the bitter cold of space.
- (b) It shields us from the Sun's radiation
- (c) It releases harmful waste to pollute mankind.
- (d) It prevents plants from growing.

(B) Match the words in Column A with its definition in Column B.

Column A

Column B

- | | |
|----------------------|--|
| 7. greenhouse effect | (a) rain that is polluted by different gases |
| 8. acid rain | (b) a gradual increase in temperature as a result of polluting gases |
| 9. global warming | (c) the layer that absorbs most of the Sun's ultraviolet rays |
| 10. ozone layer | (d) natural warming of the Earth by the Sun's trapped energy in the atmosphere |

(C) Click and drag the correct word to complete the sentences.

ozone	chlorofluorocarbons	greenhouse	vehicles	
aerosol	factories	conditioners	power	refrigerators

The atmosphere is compared to a _____. Gases from _____, _____ stations and motor _____ are trapping more of the Sun's heat. Chemicals called _____, which are found in air _____, _____ and _____ sprays are causing the thinning of the _____ layer. These all contribute to global warming.