

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.