

Assignment for Air Around Us

Question 1

State True or False

- (a) Nitrogen supports burning of a candle
- (b) Dust particles are always present in air
- (c) Water Vapour present in Air supports the water cycle
- (d) Birds, insect can fly because of the air
- (e) Plants absorb oxygen to prepare the food
- (f) Air is primary made of Hydrogen and Helium

Question 2

Fill in the Blank

1. The process of absorbing carbon dioxide from air and preparing the food by plants is called _____.
2. Air is _____ and not _____.
3. The layer of gases around the earth is called as _____.
4. Air occupies _____ and has _____.
5. Organism living in soil breathe through _____.
6. Air is primary made of _____ and _____.
7. Removal of water from plant bodies in the form of vapors is called _____.
8. Clothes dry faster when there is _____ water vapour in air

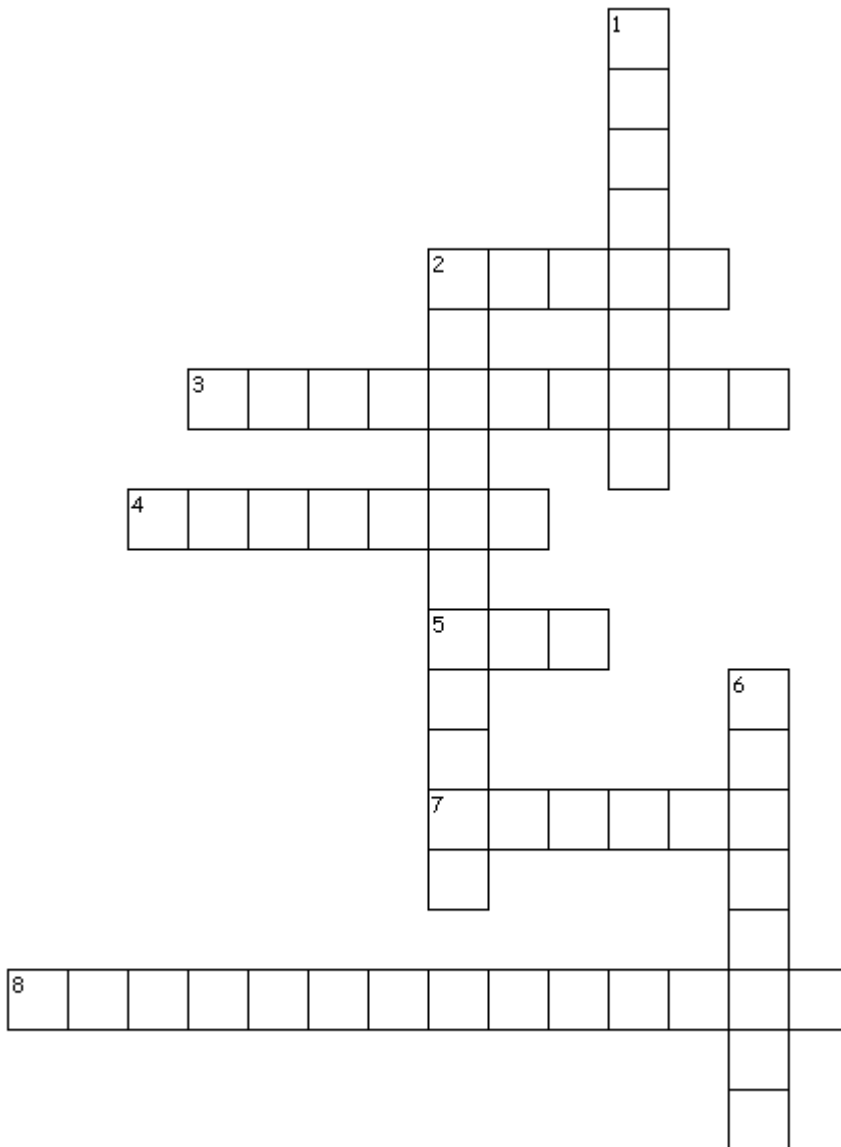
Question 3:

Match the following

| Column A | Column B |
|-----------------------------|----------------|
| Oxygen is required | Ammonia |
| Nitrogen is used to prepare | photosynthesis |
| CO ₂ is used in | Electric Bulb |
| Argon is used | Combustion |

| | |
|--------------|-----------------|
| Water Vapour | Low temperature |
| Helium | Water cycle |

Crossword



Across

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2. This gas is used for treating cancer patient
3. The blanket of gases that surrounds the earth
4. These animals used air dissolved in water for respiration
5. it is colorless and odour less
7. The gas which helps in combustion
8. This process involves utilization of carbon dioxide from air and release of oxygen into the air.

Down

1. The major part in air
2. Air is used by animals for this process
6. The device used to convert wind energy into electrical energy

Answer 1

- a) False
- b) True
- c) True
- d) True
- e) False
- f) False

Answer 2

- 1) Photosynthesis
- 2) Odorless, not visible
- 3) Atmosphere
- 4) Space, Weight
- 5) Air present in soil
- 6) Nitrogen, Oxygen
- 7) Transpiration
- 8) less

Answer 3

| Column A | Column B |
|-----------------------------|----------------|
| Oxygen is required | Combustion |
| Nitrogen is used to prepare | Ammonia |
| CO ₂ is used in | photosynthesis |

| | |
|---------------|-----------------|
| Argon is used | Electric Bulb |
| Water Vapour | Water cycle |
| Helium | Low temperature |

Answer 4

- 1) Atmosphere
- 2) Nitrogen
- 3) Oxygen
- 4) Windmill
- 5) Photosynthesis
- 6) Air
- 7) Radon
- 8) Aquatic
- 9) respiration