

Our Atmosphere Notes

Name _____

Class _____

Our atmosphere is held to the earth by...

The planets all have atmospheres. Which sized planets tend to have more atmosphere?

Which temperature of planet tends to have the thickest atmosphere?

Composition of our atmosphere:

Nitrogen:

Oxygen:

All other gases:

5 Main Layers of the Atmosphere

1. Troposphere -

2. Stratosphere -

Ozone layer -

There is a hole in the ozone layer. What caused it?

3. Mesosphere -

4. Thermosphere -

5. Exosphere -

The Greenhouse Effect -

Common greenhouse gasses -

The earth's climate has been changing for billions of years. Some of the climate change is natural, and some of it is man-made.

Natural causes of greenhouse gasses and climate change -

Human causes of greenhouse gasses and climate change -

What is one of the main challenges to reducing greenhouse gas emissions?

If we don't do something about climate change, what are some predictable effects?

1.

2.

3.

4.

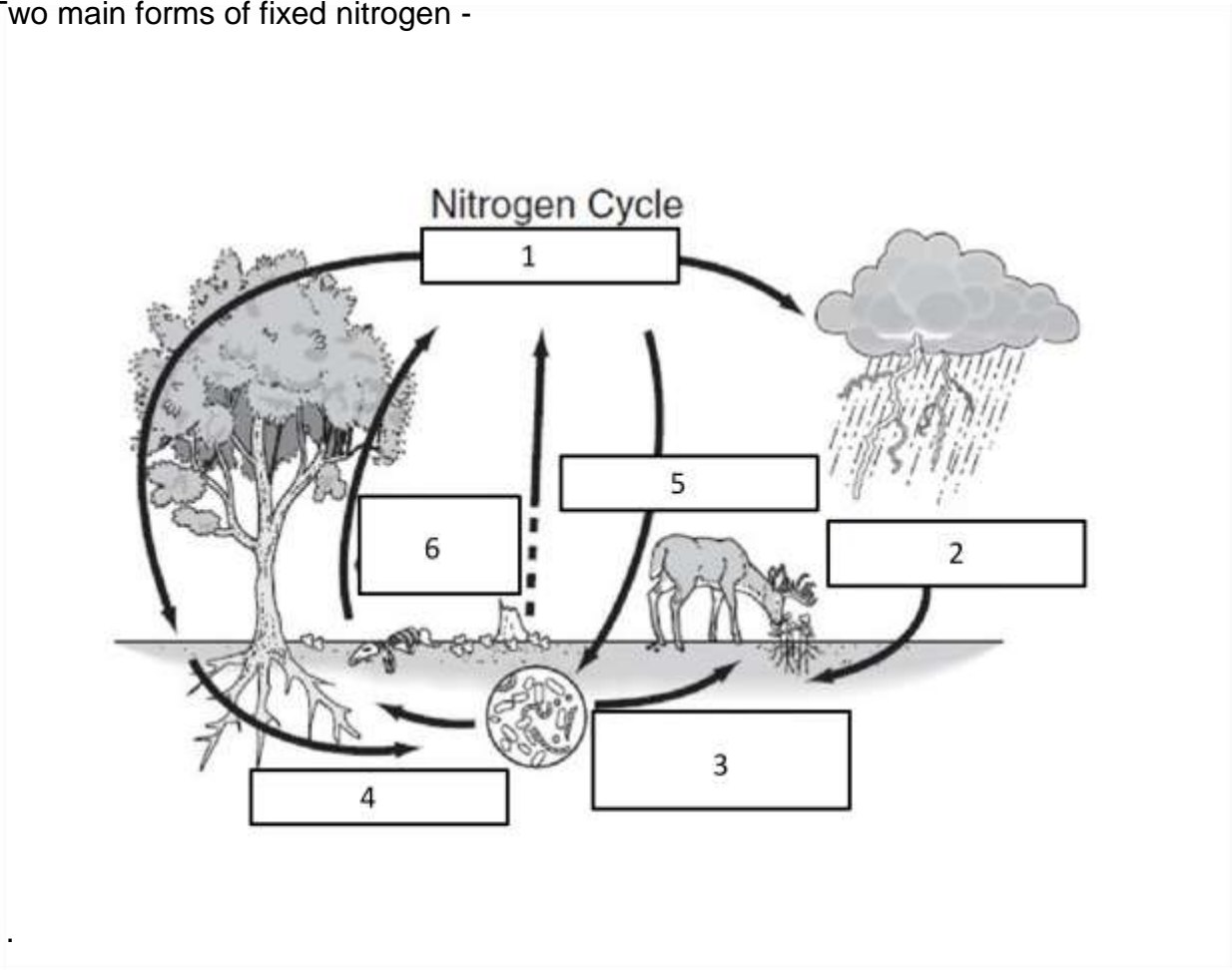
5.

6.

The Nitrogen Cycle

Nitrogen fixing -

Two main forms of fixed nitrogen -



1.

2.

3.

4.

5.

6.