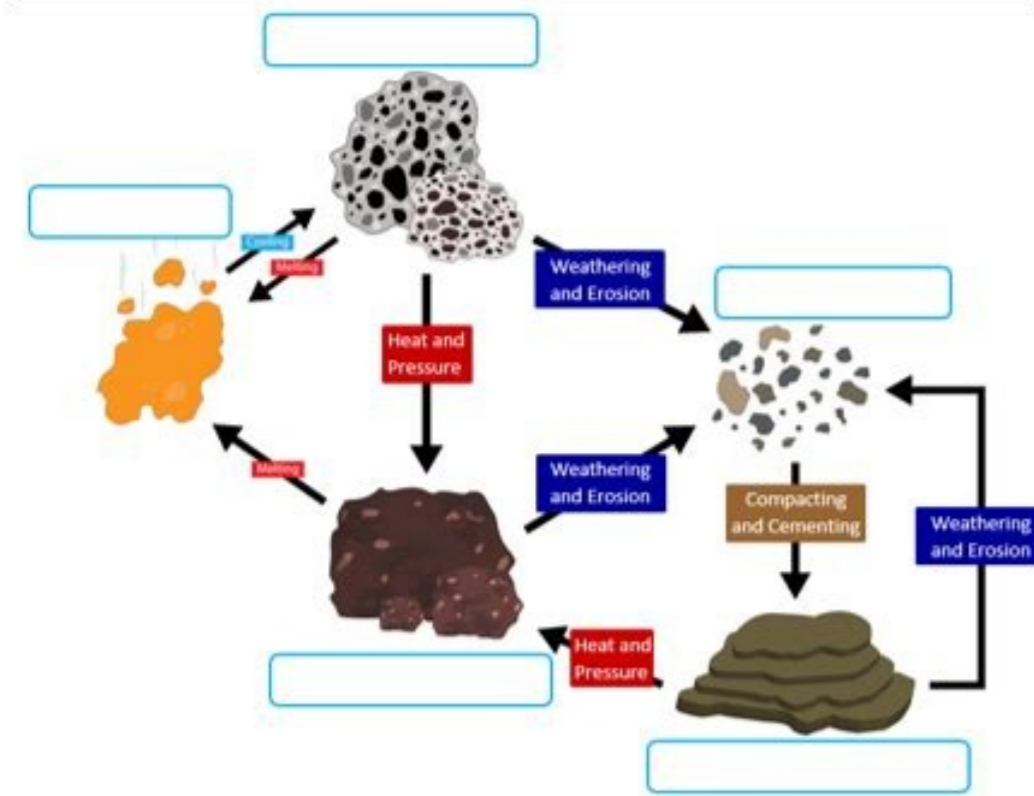


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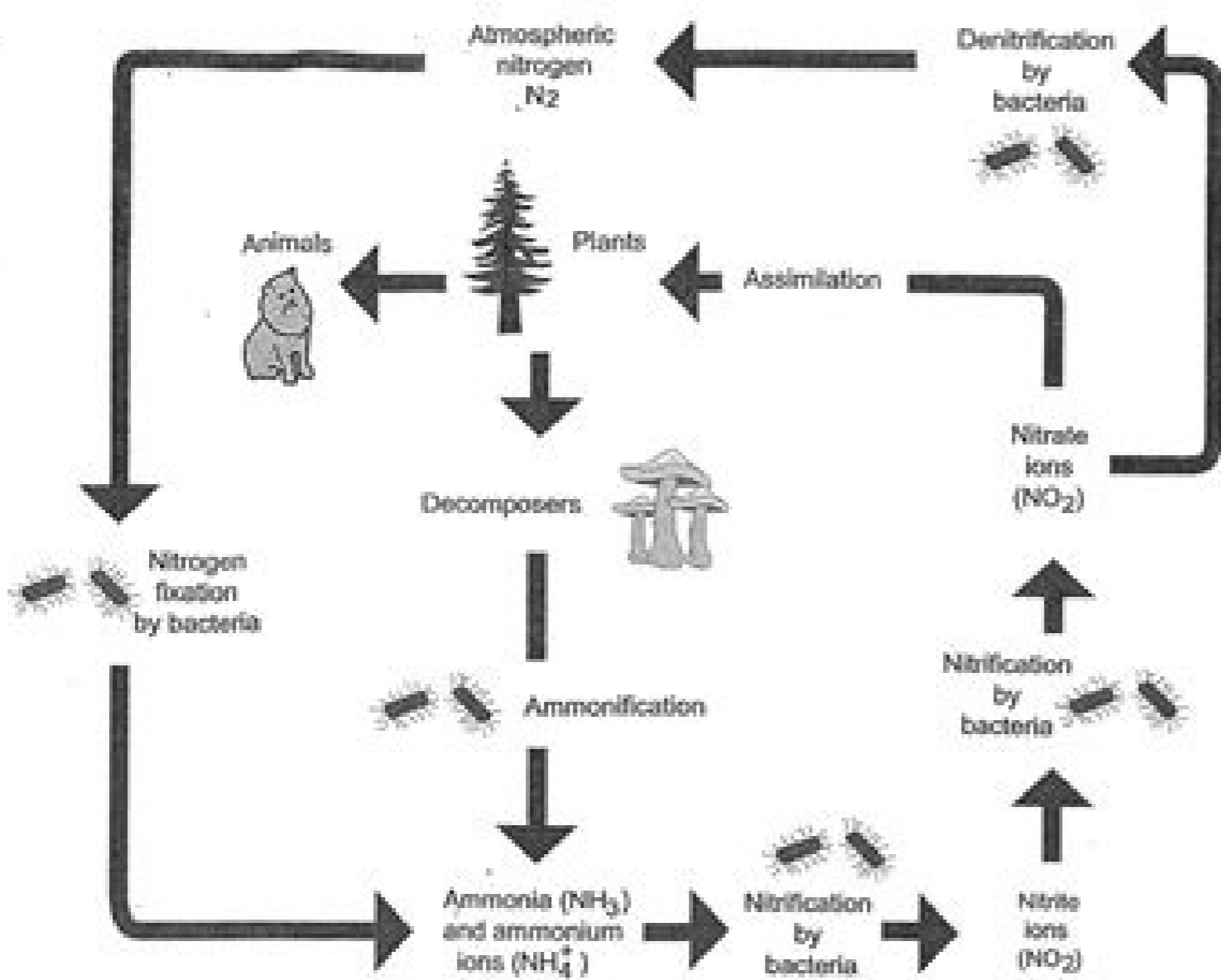
- Q.2. Label the diagram of the rock cycle with following words.
- Sediment
  - Metamorphic rock
  - Sedimentary rock
  - Magma
  - Igneous Rock



- Q.3. Write T or True if the statement is true; write F or False if the statement is false.
1. The three main rock types are igneous, metamorphic and sedimentary.
  2. Rocks never change.
  3. The word "igneous" comes from a latin term that means "from fire".
  4. Magma is molten (liquid) rock under Earth's surface.



**Nitrogen Cycle -**  
P. 66-71



Nitrogen makes up \_\_\_\_\_ % of the atmosphere. It is required for the production of \_\_\_\_\_ and \_\_\_\_\_.

**Steps of Nitrogen Cycle:**

1. Nitrogen Fixation: conversion of nitrogen in the air to \_\_\_\_\_. Done in 2 ways: a) \_\_\_\_\_ b) \_\_\_\_\_.
2. Nitrates in soil taken up by \_\_\_\_\_.
3. \_\_\_\_\_ consume these and use the amino acids to make \_\_\_\_\_.
4. Organisms produce waste and die. \_\_\_\_\_ break down nitrogen compounds into \_\_\_\_\_.
5. \_\_\_\_\_ is converted to nitrites, then to \_\_\_\_\_ by \_\_\_\_\_ in the soil.
6. Denitrification: Nitrates > nitrites > \_\_\_\_\_ released to air. Done by \_\_\_\_\_.

**Human Impact: Agriculture (answer on back)**

What is the impact of excess fertilizers on soils? What is the impact of run off of fertilizer into bodies of water?



