The task: you are given a pair of paragraphs. Please choose the correct label:

- **(Not Analogy)**
- **(Analogy) - choose one of Self analogy / Close analogy / Sub Analogy or Far analogy**

In addition, please write the mappings between entities that you found (if it's an analogy) and explain to yourself why it's a self / close / sub / far analogy in terms of domains / entities.

Analogy type	Domain	Entities	Abstraction
Self analogy	the same	the same	no
Close analogy	close	possibly different	low
Far analogy	different	different	high

Figure 1: Types of analogies

Tips:

- If it's exactly on the same topic (the PROMPTS can indicate it and if not the texts themselves) - It's a Self analogy
- If it's totally unrelated, before you label with 0(Not analogy) think if you can find a sub analogy (sometimes it exists :))
- To decide between Close analogy to Far analogy, think about the domains / entities and the level of abstraction needed to see the analogy between the two processes.

Paragraph ID: 779, PROMPT: How do plants obtain and use water?

Plants absorb water from the ground through their root systems.
Using sunlight, the plant separates the hydrogen and oxygen molecules through the process of photosynthesis.
The plant releases the oxygen into the atmosphere.
Combines the hydrogen with carbon dioxide to create an intermediate.
The intermediate is used to produce glucose which is the plant's food.

Paragraph ID: 938, PROMPT: What happens during photosynthesis?

Light energy is absorbed by chlorophyll in a plant.
The light energy is used to convert carbon dioxide.
The plant uses nutrients in the soil.
The plant uses carbon dioxide in the air to produce glucose.
The plant uses the glucose to give itself energy.
Oxygen is released as a by product.

Your answer:

Paragraph ID: 524, **PROMPT**: Describe the life cycle of a human

There is a fetus in the womb.
They are born and are a baby.
The baby grows into a child.
Puberty turns the child into an adolescent.
The adolescent becomes an adult.
An adult becomes an elderly person.
The elderly person dies.

Paragraph ID: 645, **PROMPT**: Describe the life cycle of a human

A sperm and egg meet inside a woman's fallopian tube.
The fertilized egg, now a zygote, travels to the uterus.
The zygote implants in the uterus.
The zygote becomes an embryo.
The embryo becomes a fetus.
The fetus grows for approximately 9 months.
The woman gives birth to a baby.
The baby grows into a child.
The child becomes an adult.
The adult mates with another adult.

Your answer:

Paragraph ID: 808, **PROMPT**: How do you make ice cubes?

You find an empty ice cube tray.
You fill the tray with warm water.
You carefully place the tray on an even surface in a freezer that is at least 32 degree Farhenheit, the freezing point of water.
The water begins to get colder until it starts to freeze solid.
The water expands as it freezes, one of the few liquids that has greater volume as a solid.
Because you used warm water, the gasses in the water had evaporated out, so you will have nice clear ice cubes without cracks from the trapped gasses.

Paragraph ID: 1298, **PROMPT**: How do kidneys filter blood?

Blood carried into kidney by the renal artery.
Nephrons in the kidney filter the blood.
The waste that is filtered out mixes with water.
Become urine.
Ureters carry urine out of the kidneys.

Your answer:

Paragraph ID: 1158, **PROMPT**: How does the digestive system work?

An enzyme in saliva begins to break down carbohydrates.
Food is squeezed down the esophagus when you swallow.
Acid and enzyme in the stomach break the food down.
Releases nutrients.
Food then pumped into small intestine.
Fluid and enzymes from liver and pancreas pumped into small intestine.
Help break food into smallest molecules.
Nutrients pass through wall of small intestine.
Nutrients absorbed into blood stream.
Unused materials passed into large intestine to become fecal matter.

Paragraph ID: 315, **PROMPT**: How does weathering cause rocks to break apart?

Plants start growing on or near the rocks.
The roots of the growing plants start to break up the rock.
The plant acids dissolve the rock.
The rock is broken down into smaller pieces.
Erosion begins.

Your answer:

Paragraph ID: 1224, **PROMPT**: How does a nuclear power plant work?

Nuclear plants use uranium-235, which is unstable.
Uranium-235 splits, releasing energy and neutrons.
The neutrons hit other atoms, splitting them.
This continues until the reaction is self-sustaining.
Rods containing uranium are used in the power plant.
Control rods slow or accelerate the reaction.
Heat from the fission turns water into steam.
The steam drives a turbine.
The turbine drives a generator.
The generator creates electricity.

Paragraph ID: 687, **PROMPT**: Describe the process of photosynthesis

Carbon dioxide from the air passes through small pores (holes) in the leaves. These pores are called stomata.
Water is absorbed by the roots and passes through vessels in the stem on its way to the leaves.
Chlorophyll absorbs the sun's energy.
It is this energy that is used to split water molecules into hydrogen and oxygen.
Oxygen is released from the leaves into the atmosphere.
Hydrogen and carbon dioxide are used to form glucose or food for plants.

Your answer: