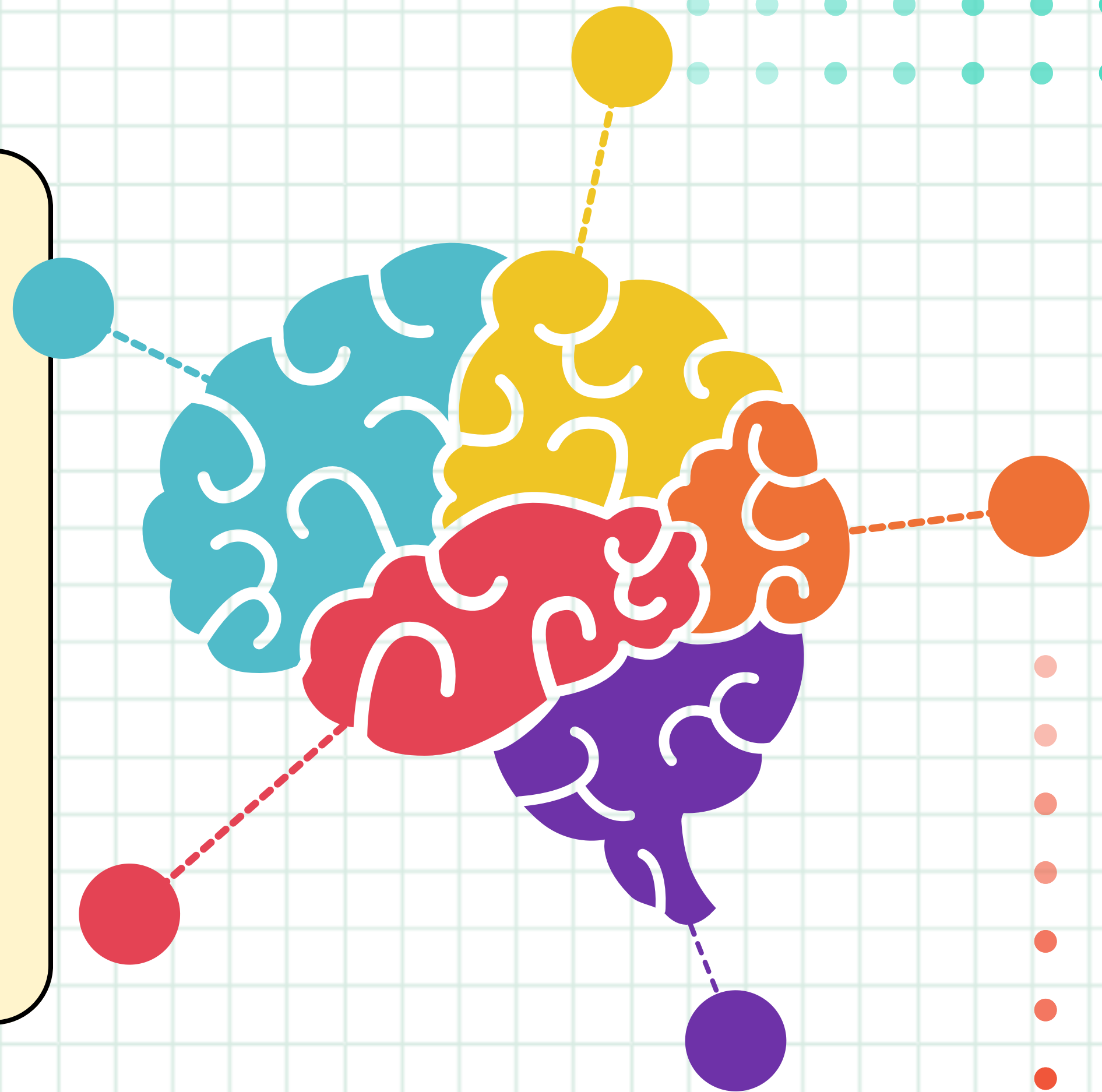


LABEL THE BRAIN

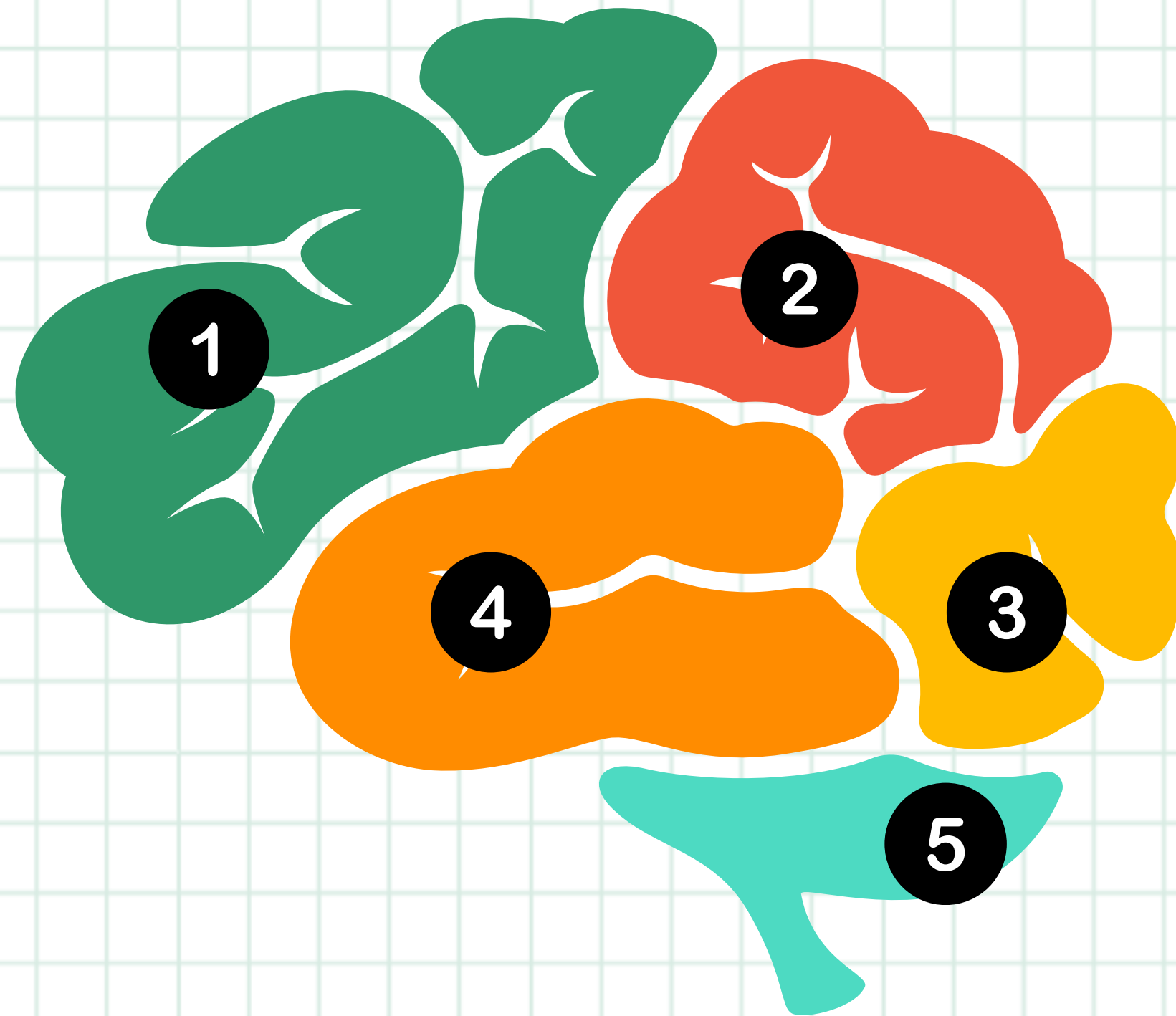




WHAT IS THE ROLE OF THE BRAIN?

The brain is a very complex organ. It controls every process involved in regulating the human body.

It controls memory, thoughts, emotions, motor skills, breathing, body temperature, touch and many more bodily processes.



PARTS OF THE BRAIN

- 1 Frontal lobe
- 2 Parietal lobe
- 3 Occipital lobe
- 4 Temporal lobe
- 5 Cerebellum

1 - FRONTAL LOBE

The frontal lobe controls important cognitive skills such as judgement, speech, learning, reasoning, problem solving and memory.

Each side of the frontal lobe controls voluntary muscle movements on the opposite side of the body.





2 - PARIETAL LOBE

The parietal lobe organizes sensory information from various body parts. It processes sensations such as touch, temperature and pain which gives us self-perception.

The parietal lobe also allows us to make controlled precise movements such as writing. It gives us location awareness, so we understand where items are located in relation to ourselves and to categorize linked items e.g. apples and bananas as items of fruit.

3 - OCCIPITAL LOBE

The occipital lobe helps us recognize and understand what we see, by processing visual information from our eyes.

The occipital lobe helps use identify shapes, colors, movement, places and faces. It also provides us with depth perception and understanding 3D space.





4 - TEMPORAL LOBE

The temporal lobe is linked with memory and recalling past experiences. It also helps us understand the meaning of words and linking words to objects.

The temporal lobe is key in processing emotions and how we feel about situations. It is essential in alerting us when we feel in danger.

It also plays a role in processing sensory signals like sight and sound.

5 - CEREBELLUM

The cerebellum coordinates movement and helps us maintain balance. It plays a key role in muscle actions which are essential for any movement from picking something up from the floor to walking, playing sports and learning to play a musical instrument.

The cerebellum controls eye movement e.g. when you are watching tv or tracking an object with your eyes.



INTERESTING BRAIN FACTS

The brain triples in size during the first year of life and stops growing at the age of 18.

The largest brain on Earth belongs to a sperm whale and weighs 20 pounds.



An adult brain produces enough power to light a 25-watt light bulb

A massive 75% of the brain is made up of water.

**ANY
QUESTIONS?**

