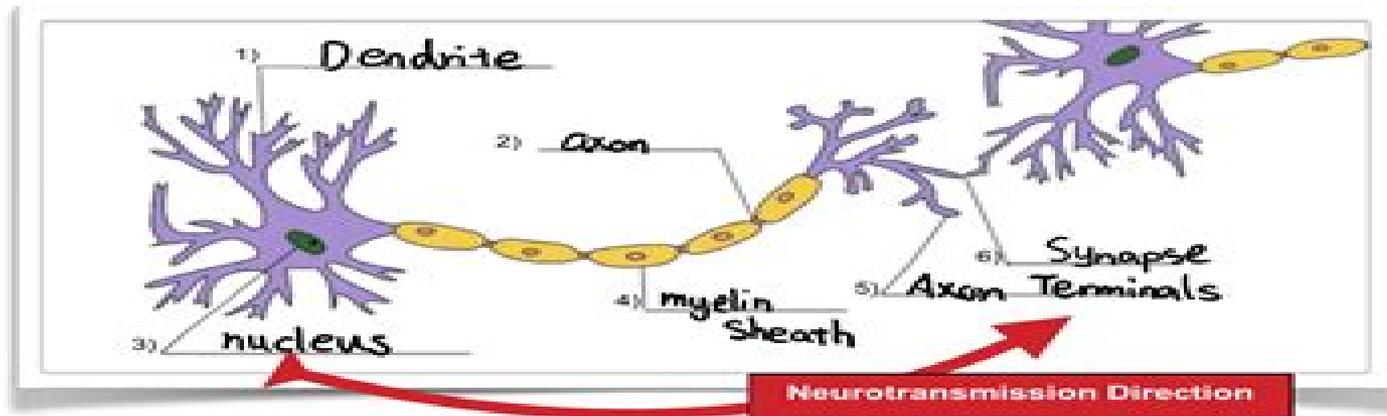


NEURONS are nerve cells that provide communication throughout the body. Read the statements below and label the neuron using clues from the statements.

- The **cell body** is in charge of the neuron. It fuels the neuron's activities and contains the nucleus, but not the axons or dendrites.
- **Nucleus** is located in the cell body and contains genetic material in the form of chromosomes.
- **Axon** carries the messages away from the cell body.
- **Myelin Sheath** covers the axon to protect it and help messages travel faster and easier.
- **Dendrites** receive messages from other neurons and conducts them to the cell body.
- The **synapse** is the junction between the axon terminals of one neuron and the dendrites of another neuron.
- **Axon Terminals** fibers at the end of the axon that transmits neurotransmitters to the dendrites of another neuron.



NEURON Review

Nerve cells, called ⁽⁷⁾ neurons, run through our entire bodies and communicate with to each other.

A. Components of a Neuron

- ⁽⁸⁾ dendrites receives information from other neurons and pass the message through the cell body.
- ⁽⁹⁾ axon carries messages away.
- What purpose does the cell body play? ⁽¹⁰⁾ produces energy that fuels the neuron's activity _____
- What purpose does the fatty myelin play? ⁽¹¹⁾ _____
insulates and protects the axon _____

B. Communication Process

In order for a message to be sent from one neuron to another neuron, it must cross the synapse. This is a junction between the axon terminals of one neuron and the dendrites of another neuron. (It's a small gap, less than a millionth of an inch wide.)

Chapter 31 1 The Neuron Worksheet Answer

Lingjun Ying



Chapter 31 1 The Neuron Worksheet Answer:

The Top Books of the Year Chapter 31 1 The Neuron Worksheet Answer The year 2023 has witnessed a noteworthy surge in literary brilliance, with numerous engrossing novels captivating the hearts of readers worldwide. Lets delve into the realm of popular books, exploring the fascinating narratives that have captivated audiences this year. Chapter 31 1 The Neuron Worksheet Answer : Colleen Hoovers "It Ends with Us" This touching tale of love, loss, and resilience has captivated readers with its raw and emotional exploration of domestic abuse. Hoover expertly weaves a story of hope and healing, reminding us that even in the darkest of times, the human spirit can succeed. Chapter 31 1 The Neuron Worksheet Answer : Taylor Jenkins Reids "The Seven Husbands of Evelyn Hugo" This intriguing historical fiction novel unravels the life of Evelyn Hugo, a Hollywood icon who defies expectations and societal norms to pursue her dreams. Reids compelling storytelling and compelling characters transport readers to a bygone era, immersing them in a world of glamour, ambition, and self-discovery. Chapter 31 1 The Neuron Worksheet Answer : Delia Owens "Where the Crawdads Sing" This evocative coming-of-age story follows Kya Clark, a young woman who grows up alone in the marshes of North Carolina. Owens weaves a tale of resilience, survival, and the transformative power of nature, captivating readers with its evocative prose and mesmerizing setting. These popular novels represent just a fraction of the literary treasures that have emerged in 2023. Whether you seek tales of romance, adventure, or personal growth, the world of literature offers an abundance of engaging stories waiting to be discovered. The novel begins with Richard Papen, a bright but troubled young man, arriving at Hampden College. Richard is immediately drawn to the group of students who call themselves the Classics Club. The club is led by Henry Winter, a brilliant and charismatic young man. Henry is obsessed with Greek mythology and philosophy, and he quickly draws Richard into his world. The other members of the Classics Club are equally as fascinating. Bunny Corcoran is a wealthy and spoiled young man who is always looking for a good time. Charles Tavis is a quiet and reserved young man who is deeply in love with Henry. Camilla Macaulay is a beautiful and intelligent young woman who is drawn to the power and danger of the Classics Club. The students are all deeply in love with Morrow, and they are willing to do anything to please him. Morrow is a complex and mysterious figure, and he seems to be manipulating the students for his own purposes. As the students become more involved with Morrow, they begin to commit increasingly dangerous acts. The Secret History is a brilliant and suspenseful novel that will keep you guessing until the very end. The novel is a cautionary tale about the dangers of obsession and the power of evil.

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