

**TRABALHO DE ESTUDOS AUTÔNOMOS 2º TRIMESTRE 2023**

ALUNO (A): \_\_\_\_\_ TURMA: \_\_\_\_\_

VALOR: 12,0 Nota: \_\_\_\_\_

**INSTRUÇÕES:** Todas as questões devem ser respondidas a CANETA.

Preencha as lacunas abaixo com os “quantifiers” adequado (Much, many etc)

**QUESTÃO 01.** How \_\_\_\_\_ friends are coming to the party tonight?**QUESTÃO 02.** She has \_\_\_\_\_ experience in cooking, but she's eager to learn.**QUESTÃO 03.** There are \_\_\_\_\_ books on the shelf that I haven't read yet.**QUESTÃO 04.** We need to buy \_\_\_\_\_ vegetables for the recipe.**Text: The Phenomenon of the Blue Super Moon**

A Blue Super Moon is a captivating celestial event that occurs when a full moon coincides with two unique factors: its position in its orbit and its distance from Earth. Let's break down these components to understand this mesmerizing phenomenon.

**Full Moon:** A full moon happens when the moon is positioned directly opposite the sun from Earth's perspective. This results in the moon being fully illuminated, displaying its entire face.

**Orbital Position:** The moon follows an elliptical orbit around Earth, which means its distance from our planet varies. The key to a Blue Super Moon lies in its position in this elliptical orbit. To be considered "blue," a full moon must be the second full moon within a calendar month. This is relatively rare and happens about once every two to three years.

**Distance from Earth:** The term "supermoon" refers to the moon being at its closest point to Earth in its orbit, known as the perigee. This proximity causes the moon to appear larger and brighter in the sky than during other times.

When these factors align—having a full moon that is both the second full moon of the month and occurring when the moon is near its perigee—we witness the breathtaking Blue Super Moon.

Read the text about the phenomenon of the Blue Super Moon and then answer the following questions:

**QUESTÃO 05.** What is a Blue Super Moon? What conditions are necessary for a full moon to be considered "blue"?

---

---

**QUESTÃO 06.** Why does a supermoon appear larger and brighter in the sky?

---

---

**QUESTÃO 07.** How often does the occurrence of a Blue Super Moon happen?

---

---

**QUESTÃO 08.** What are the two key factors that determine the phenomenon of a Blue Super Moon?

---

---

**QUESTÃO 09.** What do you find most intriguing about celestial events like supermoons?

---

---

**QUESTÃO 10.** How do you think the study of celestial events contributes to our understanding of the universe?

---

---