Fact: Wow! Space is sooo big. But do you know the first person, who stepped onto the Moon? It was Neil Armstrong, who did it on 21 July **1969**.

Fact: Do you sometimes consider that your human day lasts too long. But just imagine one Mercurian day lasts **59** Earth days!!!

Fact: For planet Pluto it takes 248 year to finish its orbit, and its discovery was only in 1930…oh, it will really take time…

Fact: Yuri **Gagarin** was first person, who was in space!! He made it on 12th April 1961

**Fact:** The Sun is a **star** located at the center of our solar system.

**Fact:** Earth is the **third** planet from the Sun.

**Fact:** Do you know that **Jupiter** is the largest planet in our solar system. Its area is about 6,142E10

**Fact:** The **Milky Way** is the galaxy that contains our solar system.

1. **Fact:** Venus is the hottest planet in our solar system.
   * **Question:** Which planet is the hottest in our solar system?
2. **Fact:** Mars is known as the Red Planet because of its reddish appearance.
   * **Question:** What nickname is given to Mars due to its color?

**11-20**

1. **Fact:** The International Space Station (ISS) orbits Earth approximately every 90 minutes.
   * **Question:** How often does the ISS orbit Earth?
2. **Fact:** Neptune has the strongest winds in the solar system.
   * **Question:** Which planet has the strongest winds?
3. **Fact:** Uranus rotates on its side, making it unique among the planets.
   * **Question:** Which planet rotates on its side?
4. **Fact:** The dwarf planet Pluto was reclassified from a planet to a dwarf planet in 2006.
   * **Question:** When was Pluto reclassified as a dwarf planet?
5. **Fact:** The Sun accounts for about 99.86% of the mass of the entire solar system.
   * **Question:** What percentage of the solar system's mass does the Sun account for?
6. **Fact:** Comets are made of ice, dust, and rocky material.
   * **Question:** What are comets made of?
7. **Fact:** The Kuiper Belt is a region of the solar system beyond Neptune, filled with small icy bodies.
   * **Question:** What is the name of the region beyond Neptune filled with small icy bodies?
8. **Fact:** The Andromeda Galaxy is the closest spiral galaxy to the Milky Way.
   * **Question:** Which galaxy is the closest spiral galaxy to the Milky Way?
9. **Fact:** Black holes have such strong gravity that not even light can escape them.
   * **Question:** What is so strong that not even light can escape from it?
10. **Fact:** A light-year is the distance light travels in one year.
    * **Question:** What is the term for the distance light travels in one year?

**21-30**

1. **Fact:** The first man to walk on the Moon was Neil Armstrong in 1969.
   * **Question:** Who was the first man to walk on the Moon and in what year?
2. **Fact:** The largest volcano in the solar system is Olympus Mons on Mars.
   * **Question:** What is the name of the largest volcano in the solar system, and where is it located?
3. **Fact:** Space is completely silent because there is no atmosphere to carry sound.
   * **Question:** Why is space completely silent?
4. **Fact:** The Hubble Space Telescope has been orbiting Earth since 1990.
   * **Question:** Since what year has the Hubble Space Telescope been orbiting Earth?
5. **Fact:** The Great Red Spot on Jupiter is a giant storm that has been raging for at least 400 years.
   * **Question:** What is the Great Red Spot on Jupiter, and how long has it been raging?
6. **Fact:** Our solar system is about 4.6 billion years old.
   * **Question:** How old is our solar system?
7. **Fact:** There are more stars in the universe than grains of sand on all Earth's beaches.
   * **Question:** Are there more stars in the universe or more grains of sand on Earth's beaches?
8. **Fact:** The planet Venus rotates in the opposite direction to most other planets.
   * **Question:** Which planet rotates in the opposite direction to most others?
9. **Fact:** The temperature on the surface of the Sun is about 5,500 degrees Celsius.
   * **Question:** What is the temperature on the surface of the Sun?
10. **Fact:** The first artificial satellite to orbit Earth was Sputnik, launched by the Soviet Union in 1957.
    * **Question:** What was the name of the first artificial satellite to orbit Earth and when was it launched?

**31-40**

1. **Fact:** The closest star to Earth, other than the Sun, is Proxima Centauri.
   * **Question:** What is the closest star to Earth other than the Sun?
2. **Fact:** The surface of Mars is covered in iron oxide, giving it a reddish color.
   * **Question:** What gives Mars its reddish color?
3. **Fact:** Earth is the only planet known to have liquid water on its surface.
   * **Question:** Which planet is known to have liquid water on its surface?
4. **Fact:** Spacecraft have visited every planet in our solar system.
   * **Question:** Have spacecraft visited every planet in our solar system?
5. **Fact:** The asteroid belt lies between Mars and Jupiter.
   * **Question:** Where is the asteroid belt located in our solar system?
6. **Fact:** The Sun will eventually become a red giant and then a white dwarf.
   * **Question:** What will the Sun become after its red giant phase?
7. **Fact:** Venus has a day longer than its year.
   * **Question:** Which planet has a day that is longer than its year?
8. **Fact:** The light from the Sun takes about 8 minutes and 20 seconds to reach Earth.
   * **Question:** How long does it take for sunlight to reach Earth?
9. **Fact:** The first animals to orbit Earth were fruit flies sent by the United States in 1947.
   * **Question:** What were the first animals to orbit Earth and when were they sent?
10. **Fact:** A total solar eclipse occurs when the Moon completely covers the Sun.
    * **Question:** What occurs during a total solar eclipse?

**41-50**

1. **Fact:** The surface gravity on Mars is about 38% that of Earth's.
   * **Question:** What percentage of Earth's gravity does Mars have on its surface?
2. **Fact:** The word "galaxy" comes from the Greek word for "milk."
   * **Question:** What language does the word "galaxy" come from and what does it mean?
3. **Fact:** There are more than 100 billion galaxies in the observable universe.
   * **Question:** How many galaxies are there in the observable universe?
4. **Fact:** The planet Neptune was discovered in 1846.
   * **Question:** When was Neptune discovered?
5. **Fact:** Solar flares are sudden eruptions of energy from the Sun’s surface.
   * **Question:** What are sudden eruptions of energy from the Sun's surface called?
6. **Fact:** The Moon has quakes, called "moonquakes," similar to Earth's earthquakes.
   * **Question:** What are the quakes on the Moon called?
7. **Fact:** The first woman in space was Valentina Tereshkova from the Soviet Union in 1963.
   * **Question:** Who was the first woman in space and when did she go?
8. **Fact:** The dwarf planet Eris is one of the largest known dwarf planets in our solar system.
   * **Question:** What is one of the largest known dwarf planets in our solar system?
9. **Fact:** The temperature on Venus can reach up to 465 degrees Celsius.
   * **Question:** How high can the temperature on Venus get?
10. **Fact:** Astronauts' height can increase by up to 2 inches while in space due to the lack of gravity.
    * **Question:** By how much can astronauts' height increase in space?

**Sources:**

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HUGGING FACE KEY API: hf\_RxwIAtQofNHWxAevvNOxYiVfryESNeCmUU

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[7] = "You know that some way contains our solar system? It's called Milky - Milky Way",

[8] = "My friend, we even have red planet! Mars is known as the Red Planet because of its red environment",

[9] = "I have another new fact for you - the Sun accounts for about 99.86% of the mass of the entire solar system",

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[27] = "Hey! Wanna some new facts? The surface gravity on Mars is about 38% that of Earth's!",

[28] = "Belt, oh no, not the part of clothes. The asteroid belt lies between Mars and Jupiter",

[29] = "Not only Earth has liquid on its surface. It was discovered that Mars also has it!!!",

[30] = "Long trip? Oh, just imagine if you could fly a plane to Pluto, the trip would take more than 800 years!"