★ PLANETS FOR KIDS ★

PLANET TRIVIA DECK

Cut along the dashed lines · 3 difficulty levels (green = easy, blue = medium, purple = hard) · Read the question aloud, give the answer · 24 cards in total

LEVEL 1 · EASY ★ 01

QUESTION

Which planet is closest to the Sun?

ANSWER

Mercury.

LEVEL 1 · EASY ★ 02

QUESTION

Which planet is known as the Red Planet?

ANSWER

Mars.

LEVEL 1 · EASY ★ 03

QUESTION

Which planet is famous for its bright rings?

ANSWER

Saturn.

LEVEL 1 · EASY ★ 04

QUESTION

How many planets are in our solar system?

ANSWER

Eight.

LEVEL 1 · EASY ★ 05

QUESTION

Which is the largest planet?

ANSWER

Jupiter.

LEVEL 1 · EASY ★ 06

QUESTION

Which planet do we live on?

ANSWER

Earth.

LEVEL 1 · EASY ★ 07

QUESTION

Which planet is farthest from the Sun?

ANSWER

Neptune.

LEVEL 1 · EASY ★ 08

QUESTION

How many moons does Earth have?

ANSWER

One.

LEVEL 2 · MEDIUM ★ 09

QUESTION

How long is one year on Mercury, in Earth days?

ANSWER

88 Earth days.

LEVEL 2 · MEDIUM ★ 10

QUESTION

What is the name of Jupiter's famous giant storm?

ANSWER

The Great Red Spot.

LEVEL 2 · MEDIUM ★ 11

QUESTION

What are Mars's two moons named?

ANSWER

Phobos and Deimos.

LEVEL 2 · MEDIUM ★ 12

QUESTION

What is the biggest moon in our solar system?

ANSWER

Ganymede — one of Jupiter's moons. It's even bigger than Mercury.

LEVEL 2 · MEDIUM ★ 13

QUESTION

What is unusual about how Uranus rotates?

ANSWER

It is tilted on its side — about 98°.

LEVEL 2 · MEDIUM ★ 14

QUESTION

What is Saturn's largest moon called?

ANSWER

Titan. It even has a thick atmosphere.

LEVEL 2 · MEDIUM ★ 15

QUESTION

Which planet is the hottest in the solar system?

ANSWER

Venus, at about 464°C.

LEVEL 2 · MEDIUM ★ 16

QUESTION

Which planet has the most moons?

ANSWER

Saturn, with 292 confirmed moons.

LEVEL 3 · HARD ★ 17

QUESTION

Why is Venus hotter than Mercury, even though Mercury is closer to the Sun?

ANSWER

Venus has a thick atmosphere of carbon dioxide that traps heat (a runaway greenhouse effect). Mercury has almost no atmosphere, so heat escapes.

LEVEL 3 · HARD ★ 18

QUESTION

How was Neptune first discovered?

ANSWER

By mathematics! Astronomers noticed wobbles in Uranus's orbit, calculated where another planet must be, and pointed a telescope to that spot.

LEVEL 3 · HARD ★ 19

QUESTION

What lets Saturn "float in water"?

ANSWER

Saturn is less dense than water (about 0.69 g/cm³) because it's made mostly of gas. If you had a big enough bathtub, it would float.

LEVEL 3 · HARD ★ 20

QUESTION

Why is Earth's magnetic field important for life?

ANSWER

It deflects charged particles from the Sun (solar wind) that would otherwise strip away our atmosphere — like the way it stripped Mars long ago.

LEVEL 3 · HARD ★ 21

QUESTION

Why does Mercury have such extreme hot and cold (430°C to −180°C)?

ANSWER

Mercury has almost no atmosphere to hold or move heat. The sunlit side bakes; the dark side freezes.

LEVEL 3 · HARD ★ 22

QUESTION

Why do scientists think Uranus is tilted on its side?

ANSWER

They believe a massive collision with another planet-sized body early in its history knocked it over for good.

LEVEL 3 · HARD ★ 23

QUESTION

What's special about Triton, Neptune's biggest moon?

ANSWER

Triton orbits Neptune backwards (retrograde), strongly suggesting it formed elsewhere and was captured by Neptune's gravity.

LEVEL 3 · HARD ★ 24

QUESTION

Why has Mercury kept its craters for billions of years, while Earth has not?

ANSWER

Mercury has no weather, water, or active geology to wear craters away. On Earth, wind, rain, and tectonic activity erase craters over time.