

THE INNER PLANETS

WRITE THE CORRECT WORD IN THE BLANK TO COMPLETE THE SENTENCE, BUT BE CAREFUL - THERE ARE MORE WORDS THAN YOU NEED !

Mars is the fourth planet from the sun.

Because it is like the Earth Venus is called the Earth's twin.

Mercury has extreme temperatures , about 500° during the night and - 170° at night.

Venus is the second planet from the sun.

The atmosphere on Venus is made up mostly of carbon dioxide.

The largest volcano in the solar system is Olympus Mons.

The Mariner space probes made many discoveries about Mars.

Polar ice caps can be found on Mars .

It takes Mercury about 88 days to go around the sun once.

Mercury was named after the Roman messenger of the gods.

There is almost the same gravity on Venus as on our Earth.

Venus has a very thick atmosphere so it is impossible to see the surface.

Venus is the hottest planet in the solar system

The surface of Venus is flat with a few high mountains

Venus was named after the goddess of beauty.

The Earth rotates once around its axis every 24 hours .

Life on Earth exists because there is oxygen in the atmosphere.

The ozone layer protects us from the sun's rays.

The core of the Earth is made up of liquid iron and nickel.

Canyons run for thousands of kilometres on the surface of Mars.

Older astronomers thought that Mars had a system of canals .

24 hours
58 days
88 days
atmosphere
Caloris Basin
canals
canyons
carbon dioxide
coldest
core
crust
Earth
fastest
fifth
fourth
Galileo
god
goddess
gravity
hottest
hydrogen
lover
mantle
Mariner
Mars
Mercury
messenger
nitrogen
Olympus Mons
oxygen
ozone
pressure
second
surface
third
valleys
Venus
Viking
volcanoes

THE MOON

COMPLETE THE FOLLOWING TEXT WITH THE WORDS FROM THE BOX!

distance - rotate - diameter - closest - axis - satellite -
pointed - astronauts - earth - orbit - dark

The moon is the Earth's natural satellite and the object in space that is closest to us. It's diameter is only one fourth of the Earth's. The moon moves around the Earth at an average distance of about 400,000 km. It takes the moon about 28 days for one complete orbit and about the same time to rotate around its own axis. That means that the same side of the moon is always pointed at us. Only astronauts have seen the dark side of the moon.

FILL IN THE MISSING WORDS

1. The highest mountains on the moon are almost as high as *the Himalayas*.
2. In 1969 the American *Apollo 11* spacecraft landed on the moon and *Neil Armstrong* was the first man to set foot on the moon.
3. The moon has no *atmosphere* so there is nothing to breathe.
4. Temperatures can be very extreme. They reach from about *125 ° C* on the sunlit side to about *-175 ° C* on the dark side.
5. People could jump very far on the moon because *gravity* is only about one sixth of the Earth's.

COMETS AND ASTEROIDS

COMPLETE THE TEXT BY FILLING IN THE CORRECT WORD FROM THE LIST

A comet is an object in space that revolves around the sun. People first thought that they were only strange changes of sunlight but Newton proved that they were planets with orbits.

A comet is made up of an inner part called nucleus and a cloud around it made up of ice, dust and other gases. Scientists call it a dirty snowball .

When a comet approaches the sun, the icy parts melt and the comet gets brighter and brighter. Their tails , which always point away from the sun, can extend into space for millions of km. Some comets have short tails, so that they are almost invisible .

Comets have elliptical orbits and they appear at different intervals. Some of them appear every 3 or 4 years and others have periods of 2,000 years and more.

- appear
- approaches
- dust
- elliptical
- extend
- invisible
- melt
- nucleus
- orbits
- revolves
- snowball
- sunlight
- tails

WHICH OF THE STATEMENTS ABOUT ASTEROIDS IS TRUE OR FALSE . WRITE A CORRECT SENTENCE NEXT TO THE FALSE ONES.

Asteroids are rocks that move around the sun between Venus and Mercury	F	They move between Mars and Jupiter
Many asteroids have also been found between the Earth and Venus.	T	
NASA sends spaceships to asteroids when they are close to Earth.	T	
Asteroids that may hit the Earth are called comets.	F	They are called meteorites.
Most of them burn up when they hit the Earth.	F	They burn up in the atmosphere.
About 650 million years ago a large asteroid crashed into the Earth.	F	65 million years ago
Scientists think that dinosaurs died out because a big asteroid hit the Earth.	T	

MATCH THESE WORDS BY PUTTING THE CORRECT LETTER TO THE EXPLANATIONS AT THE RIGHT.

A	float
B	launch
C	probe
D	interfere
E	organic
F	approach
G	path
H	orbit
I	eclipse
J	ice caps
K	disappear
L	ancient
M	helium
N	terrestrial
O	carbon dioxide
P	cloud
Q	core
R	diameter
S	corona
T	radiation

K	when something goes away so that you can't see it any more
F	to come very close to something
O	the gas that animals and people produce when they breathe out
A	to move very slowly in the air or in water
I	when the moon is between the sun and the Earth
L	old
H	to move around a planet in a circle
S	the upper atmosphere of the sun
M	a gas that is lighter than air and is used to fill balloons and make them rise
E	something living
P	grey or white object in the sky that has very small water drops in it
C	a small spaceship that is sent to the surface of a planet by a larger one
Q	the inner part of a planet
G	the route along which something moves
B	to start a spacecraft
R	the line from one side of a circle to the other
T	the heat, light and other forms of energy produced by an object
N	Earth-like
J	places near the poles of a planet where water freezes
D	get in the way of something

MATCH THESE WORDS BY PUTTING THE CORRECT LETTER TO THE EXPLANATIONS AT THE RIGHT.

A	solar
B	asteroid
C	atmosphere
D	gravity
E	surface
F	axis
G	dust
H	oxygen
I	astronomer
J	melt
K	telescope
L	vehicle
M	equator
N	methane
O	tremendous
P	path
Q	tides
R	calculate
S	prove
T	meteorite

H	gas that is in the air and that we need to breathe
F	the line around which a planet rotates
P	track, route
I	a person who studies the stars and the sky
A	everything that has to do with the sun
K	an instrument that makes small faraway objects look bigger
D	the power that pulls you to the ground
S	to show that something is true
L	an object that can move on wheels
C	the gases that are around a planet
O	very very big
M	the line that goes around the middle of a planet
Q	the rising and falling of sea levels
J	to make a hard object hot and turn it into a liquid
R	to find out how long something will take
B	rocks that travel through space and sometimes crash into other planets
G	very small particles of dirt
T	part of an asteroid or comet that crashes into the Earth
N	a gas that you cannot see or smell; when you burn it it gives off energy
E	the hard top part of a planet

THERE ARE 12 WORDS THAT HAVE SOMETHING TO DO WITH THE SOLAR SYSTEM. SEE IF YOU CAN FIND THEM !



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