

INTERACTIVE WORKSHEET # 1

ALL ABOUT SPACE (Chapter 1)

A) LOOK AND READ. CHOOSE THE CORRECT WORDS, DRAG THEM AND DROP THEM ON THE LINES. (There are two extra words!)

- SPACE
- UNIVERSE
- SOLAR SYSTEM
- NUCLEAR FUSION
- GALAXIES
- EARTH
- SKY
- PLANETS
- THE BIG BANG
- STARS
- ENERGY
- MILKY WAY

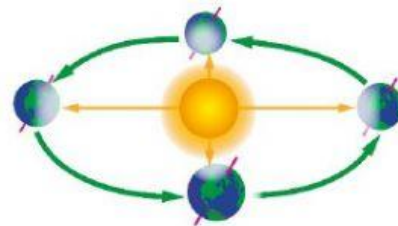
1. You can see thousands of these when you look at the sky at night. _____
2. Our Sun has eight of these. _____
3. This is the galaxy where our solar system is. _____
4. This is everything that's around planet Earth and it's bigger than we can imagine. _____
5. This is the process by which the hydrogen changes into helium. _____
6. This is what plants, animals and people get from the Sun. _____
7. This is a star with planets around it. _____
8. This is everything that exists, all the stars in all the galaxies. _____
9. These are groups of stars. _____
10. Astronomers say this is the moment when the universe appeared about 14 billion years ago. _____

B) JOIN WITH ARROWS.

- | | |
|---|------------------------------------|
| 1. Stars | is 150 million km away from Earth. |
| 2. The Sun and all other stars | it's daytime there. |
| 3. The process of nuclear fusion | are huge balls of gas. |
| 4. Our Sun | are made of hydrogen and helium. |
| 5. When a place on Earth is
opposite the Sun | produces heat and light. |

C) TICK THE CORRECT SENTENCES.

1. It takes our planet Earth ...
 - a) ... one year to orbit the Sun.
 - b) ... 365 days to turn on its axis.
 - c) ... 24 hours to go around the Sun.
2. It takes the Earth 24 hours ...
 - a) ... to move opposite the Sun.
 - b) ... to orbit the Moon.
 - c) ... to do a complete turn on its axis.



3. a) Some of the planets ...
 - b) All the planets orbit the Sun.
 - c) None of the planets ...
4. One year is ...
 - a) the period during which the Earth completes one rotation around its axis.
 - b) the time it takes the Sun to rise and set.

c) the time that it takes a planet to orbit the Sun.

5. A year on Mercury is only 88 Earth days because ...

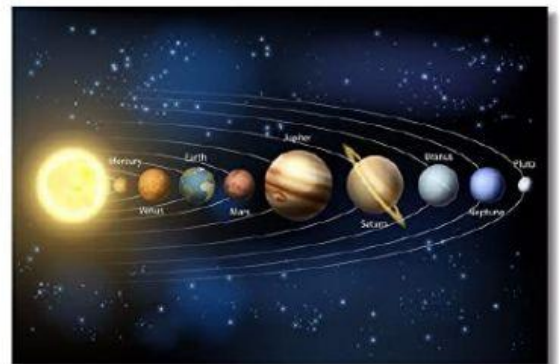
- a) ... Mercury is a rocky planet.
- b) ... Mercury travels a short distance around the Sun.
- c) ... Mercury is smaller than the Earth.

6. Planets that are further from the Sun ...

- a) ... have longer orbits.
- b) ... are difficult to see through a telescope.
- c) ... aren't in the Milky Way.

7. Mercury, Venus, Mars and the Earth are ...

- a) rocky planets.
- b) gas giants.
- c) dwarf planets.



8. The so-called gas giants are ...

- a) smaller than the rocky planets.
- b) nearer the Sun.
- c) bigger than the rocky planets.

9. How many dwarf planets have astronomers discovered?

- a) Three.
- b) Four.
- c) Five.

10. Pluto ...

- a) was discovered 70 years ago.
- b) is a dwarf planet.
- c) is the ninth planet.

