

## WORKSHEET

### Science Grade 6

Name –Surname: \_\_\_\_\_

Class: \_\_\_\_\_

Number in Class: \_\_\_\_\_

#### **PART A: select the type of planet!**

- 1** This planet is called the “morning star” or “evening star”? \_\_\_\_\_
- 2** This planet has 2 moons and when we look at it in the sky it looks red. \_\_\_\_\_
- 3** The “Olympic Mons” volcano is located on this planet. \_\_\_\_\_
- 4** This planet is counted as the largest planet in the solar system? \_\_\_\_\_
- 5** This planet has just the right conditions for life, it is not too hot not too cold. \_\_\_\_\_
- 6** This planet has the hottest surface temperature of all the planets in the solar system? \_\_\_\_\_
- 7** The nearest planet to the Sun in the solar system! \_\_\_\_\_
- 8** The farthest planet to the Sun in the solar system! \_\_\_\_\_
- 9** The giant red spot planet in the solar system! \_\_\_\_\_
- 10** The 3<sup>rd</sup> largest planet that that look like a smooth, bluish-green beach ball! \_\_\_\_\_
- 11** This planet cannot be seen with the naked eyes and has the highest wind speed recorded on any planet in the solar system? \_\_\_\_\_

## PART B: planets and moons!

	Moon	Planet
12	Ganymede	_____
13	Titan	_____
14	Oberon	_____
15	Titania	_____
16	Io	_____
17	Triton	_____
18	Europa	_____
19	Callisto	_____

## PART C: planets and colors!

20	“this planet has an interesting feature, <u>the great red spot</u> , on its surface”	A Mars
21	“this planet is <u>yellow</u> with and surrounded by large <u>white</u> rings”	B Neptune
22	“the haze of smog around this planet makes it look like a, <u>bluish-green beach ball</u> ”	C Jupiter
23	“this planet has a <u>blue</u> color”	D Uranus
24	“when we look at this planet in the sky it looks <u>red</u> ”	E Saturn

## PART D: Multiple Choice!

25 \_\_\_\_\_ is inner planet and \_\_\_\_\_ is outer planet.

- Saturn - Mars
- Mars - Earth
- Jupiter - Mercury
- Venus - Uranus

26 The asteroid belt is located between \_\_\_\_\_ and \_\_\_\_\_ planets.

- Mars - Jupiter
- Mars - Saturn
- Uranus - Neptune
- Earth - Mars

27 All the planets are rocky except \_\_\_\_\_.

- Mercury
- Uranus
- Venus
- Mars

28 The surface of the Earth is made up of over 70% \_\_\_\_\_.

- gas
- water
- rock
- ice

29 What is the largest asteroid in the asteroid belt?

- Eris
- Ceres
- Vesta
- Hygeia

30 How many planets are there in the solar system?

- 8 planets
- 9 planets
- 4 inner and 5 outer
- None of above

31 The galaxy that our solar system is located!

- Sunflower
- Cartwheel
- Andromeda
- Milky way

32 Black holes have a strong pulling force called \_\_\_\_\_.

- dark energy
- dark matter
- gravity
- tidal force

33 Saturn is the \_\_\_\_\_ planet from the Sun and has \_\_\_\_\_ main rings.

- 6<sup>th</sup> - 6
- 6<sup>th</sup> - 7
- 7<sup>th</sup> - 6
- 7<sup>th</sup> - 7

34 (Jupiter, Saturn, Uranus and Neptune) are called \_\_\_\_\_ planets,

- Jovian
- outer
- gaseous
- all of the above

35 Which one is NOT a dwarf planet?

- Ceres
- Hygeia
- Pluto
- Eris

36 The Earth's atmosphere is mainly made up of two gases, \_\_\_\_\_ nitrogen and \_\_\_\_\_ oxygen.

- 77% - 21%
- 21% - 77%
- 25% - 75%
- 75% - 25%

37 Asteroids with the diameter of less than 50 meters are called are called \_\_\_\_\_.

- ringlet
- ring
- dwarf planets
- meteoroids

**38** 25% of the Sun is made up of \_\_\_\_\_ and 75% of \_\_\_\_\_ gas.

- a. hydrogen-helium
- b. helium-oxygen
- c. helium-hydrogen
- d. nitrogen-helium

**39** The center of the Sun and the top layer of the Sun's atmosphere are called \_\_\_\_\_.

- a. solar wind
- b. corona-core
- c. solar flare
- d. core-corona