

Solar System Challenge

Name:

ANSWERS

Check section B answers at the time you use the sheet. These values change.

Think you know all there is to know about our Solar System? Take on these questions to test your knowledge of our local universe.

A

Write the letters in the circles at the bottom to reveal the hidden phrase. You may use the internet and books for research if needed.

1: What is the name of Saturn's largest moon?

T i t a n

2: Where in the Solar System is dwarf planet Ceres?

A s t e r o i d Belt

3: What is the name of the belt in the outskirts of our Solar System?

K u i p e r

4: What molecule makes Uranus blue?

m **E** t h a n e

5: Which is the smallest planet in the Solar System?

M e r c u r y

6: What is the name of the dwarf planet that has the most mass?

E r i s

7: A planet with just one moon.

e a r **T** h

8: Ganymede, Europa and Callisto are three of the four Galilean moons of Jupiter, what is the name of the fourth?

i **O**

9: What type of object is the Sun?

S t a r

10: Which is the furthest planet from the Sun?

n e **P** t u n e

11: Inside the mantle of Neptune, which twinkling precious gemstone is thought to fall?

d i **A** m o n d

12: Olympus Mons on Mars is famous. What is it?

v o l **C** a n o

13: Which element do humans use in breathing?

o x y g **E** n

B

How many moons?

Mercury

0

Venus

0

Earth

1

Mars

2

Jupiter

95

Saturn

274

Uranus

28

Neptune

16

C

Match each space mission below to its in-space destination.

New Horizons

Jupiter

Artemis

Jupiter, Saturn, Uranus, Neptune

Voyager 2

Moon

Juno

Saturn and its moons

Cassini

Pluto and the Kuiper Belt

