Name_____

MAKEMAKE
WORD SEARCH

K	X	Z	H	X	V	R	A	P	A	N	U	I	Z	I
E	M	A	U	Z	V	H	X	T	Z	N	I	G	H	K
U	A	Z	B	H	A	T	M	O	S	P	H	E	R	E
Z	D	C	B	O	S	A	T	E	L	L	I	T	E	Y
J	W	F	L	S	P	A	R	E	N	T	B	O	D	Y
M	A	O	E	T	B	R	I	G	H	T	A	X	K	D
T	R	L	T	P	S	F	F	D	E	I	B	Y	W	M
J	F	Y	E	L	E	Z	N	C	W	G	D	G	X	E
J	P	C	L	A	S	S	I	C	A	L	B	E	L	T
R	L	T	E	N	I	T	R	O	G	E	N	N	Q	H
X	A	Z	S	E	Y	T	A	G	R	A	I	N	S	A
Z	N	Y	C	T	Z	M	Y	A	K	D	D	R	D	N
H	E	H	O	I	C	C	Y	S	J	I	A	X	R	E
B	T	V	P	D	L	M	A	K	E	M	A	K	E	N
Y	J	R	E	A	S	T	E	R	I	S	L	A	N	D

Find these words:

MAKEMAKE
DWARF PLANET
CLASSICAL BELT
ICE
ATMOSPHERE

EASTER ISLAND
RAPANUI
BRIGHT
DIM
SATELLITE

PARENT BODY
HOST PLANET
GAS
METHANE
NITROGEN

OXYGEN
HUBBLE TELESCOPE
GRAINS
MARS
RED

Name_____

HAUMEA WORD SEARCH

F	E	I	V	M	Z	F	U	R	C	K	W	X	N	C
M	F	B	I	X	E	C	W	R	O	T	A	T	E	O
S	F	O	C	H	A	R	I	K	L	O	R	U	E	L
F	Z	V	H	N	M	A	N	T	L	E	X	D	I	L
U	U	E	A	A	C	S	E	B	I	A	D	Y	R	I
I	Z	L	W	M	U	H	G	B	D	M	A	O	X	S
C	R	L	A	A	O	M	U	R	E	R	R	W	C	I
U	Y	I	I	K	A	D	E	T	Q	Y	K	R	O	O
B	H	P	I	A	T	A	S	A	T	U	R	N	R	N
F	Y	S	T	H	N	Y	C	I	C	E	E	S	E	S
K	M	O	O	N	S	A	V	A	I	Z	D	N	N	P
T	H	I	I	A	K	A	R	I	N	G	S	Y	M	H
C	W	D	B	O	R	L	B	G	L	M	P	A	W	E
B	N	K	Y	G	Q	X	D	A	N	U	O	A	U	R
K	H	N	U	I	R	J	G	F	C	E	T	P	G	E

Find these words:

HAUMEA
COLLIDE
COLLISION
CRASH
SYSTEM
MOONS
GRAVITY
NAMAKA
HI'IAKA
HAWAII
ELLIPSOID
SPHERE
ICE
DARK RED SPOT
MANTLE
CORE
RINGS
SATURN
CHARIKLO
DAY
ROTATE

Name_____

ERIS WORD SEARCH

G	M	E	S	U	N	W	K	W	Z	E	L	Y	B	Z
T	A	R	C	O	L	D	A	X	E	A	G	B	F	R
L	S	I	A	C	R	I	S	S	C	R	O	S	S	E
F	S	S	T	C	E	S	V	I	L	D	K	E	D	F
J	I	S	T	V	M	N	M	M	E	E	G	N	W	L
J	V	F	E	C	P	E	T	N	E	Y	G	C	Z	E
Y	E	A	R	U	H	F	I	R	N	T	Y	E	C	C
C	W	A	E	C	B	L	G	Q	I	X	H	L	T	T
W	Q	F	D	D	C	V	K	G	T	C	U	A	N	I
U	T	B	D	N	E	E	S	O	R	R	E	D	N	V
O	R	B	I	T	P	N	Y	D	O	I	F	U	A	E
C	L	F	S	H	A	Q	Y	D	G	L	B	S	S	V
B	P	P	C	R	G	K	R	E	E	V	K	M	F	T
B	T	J	K	S	K	D	Y	S	N	O	M	I	A	O
D	I	A	M	E	T	E	R	S	S	O	O	W	O	U

Find these words:

ERIS
GODDESS
GREEK
SCATTERED DISC
MASSIVE
DIAMETER
ORBIT
ECCENTRIC
INCLINED
CRISSCROSS

CHEMICAL
METHANE
NITROGEN
REFLECTIVE
ENCELADUS
SUN
YEAR
COLD
DYSNOMIA

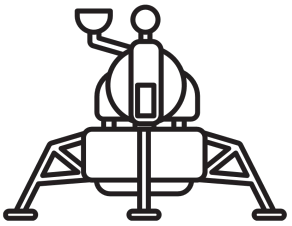
Name_____

CERES WORD SEARCH

C	A	D	R	D	A	T	M	O	S	P	H	E	R	E
K	G	V	A	P	O	R	Q	Q	G	P	H	E	W	G
T	C	E	N	W	S	E	A	S	O	N	T	J	N	S
S	R	O	M	A	N	O	S	A	R	A	E	D	I	P
Y	Y	Y	T	Q	U	L	T	P	R	C	I	L	M	S
Q	O	T	C	L	A	Y	E	C	I	Z	Z	S	P	P
U	V	O	B	E	M	G	R	S	Z	N	E	J	A	A
Z	O	A	R	N	K	O	O	A	L	P	S	M	C	C
O	L	E	O	C	T	S	I	T	H	T	A	I	T	E
C	C	I	N	A	E	P	D	N	M	C	L	N	C	C
I	A	W	C	A	L	R	B	D	W	A	T	E	R	R
R	N	C	D	G	A	J	E	Y	I	R	B	R	A	A
M	O	Z	J	R	S	D	L	S	C	B	N	A	T	F
M	E	B	R	I	G	H	T	S	P	O	T	L	E	T
C	G	T	A	H	U	N	A	M	O	N	S	S	R	W

Find these words:

CERES
ASTEROID BELT
ROMAN
CEREAL
SEASON
SPIN
MINERALS
CLAY
CARBON
PIAZZI



SPACECRAFT
DAWN
WATER
ICE
IMPACT CRATER
ATMOSPHERE
VAPOR
OCCATOR CRATER
SALT
BRIGHT SPOT
AHUNA MONS
CRYOVOLCANO

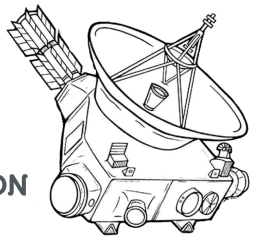
Name_____

PLUTO WORD SEARCH

D	M	H	H	N	E	W	H	O	R	I	Z	O	N	S
X	U	W	K	K	E	R	B	E	R	O	S	Y	V	H
S	L	N	T	G	A	F	A	U	L	T	G	A	G	L
Z	O	Y	E	R	P	L	U	T	O	U	R	U	B	D
W	R	E	D	S	N	O	W	O	C	E	A	N	C	I
K	V	Y	J	X	S	A	E	T	Q	B	N	I	I	B
W	H	X	C	R	A	T	E	R	M	E	D	T	V	D
A	K	W	Q	V	I	I	Y	O	D	M	C	R	A	G
D	C	H	A	R	O	N	T	X	T	O	A	O	G	Z
I	C	E	B	E	R	G	M	V	P	U	N	G	C	X
K	Z	W	C	M	N	H	U	H	B	N	Y	E	B	D
R	J	D	H	D	N	I	X	K	E	T	O	N	X	J
F	M	D	O	U	B	L	E	P	L	A	N	E	T	B
U	E	K	P	V	A	L	L	E	Y	I	R	G	D	Y
U	D	B	L	U	E	S	K	Y	M	N	L	T	T	A

Find these words:

PLUTO
TOMBAUGH
CHARON
DOUBLE PLANET
STYX
NIX
HYDRA
KERBEROS
FAULT
GRAND CANYON



HEART
CRATER
NEW HORIZONS
NITROGEN
FLOATING HILLS
DUNES
ICEBERG
MOUNTAIN
BLUE SKY
OCEAN
RED SNOW
VALLEY

Name_____

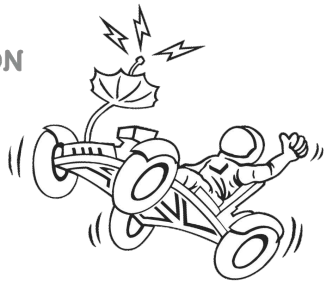
The Other Dwarfs Word Search

K	X	B	E	R	V	O	O	R	T	C	L	O	U	D
F	U	I	P	O	F	V	R	N	Z	J	Z	C	D	D
O	B	A	A	U	E	F	A	R	T	H	E	S	T	O
P	V	S	T	N	W	G	O	N	G	O	N	G	W	U
F	K	T	Z	D	G	M	M	E	T	H	A	N	E	P
Y	K	R	I	D	D	L	N	C	W	H	V	Z	Y	S
W	C	O	M	P	O	S	I	T	I	O	N	E	W	A
H	U	N	D	R	E	D	S	U	B	G	J	U	O	T
I	R	O	D	W	A	R	F	P	L	A	N	E	T	E
H	S	M	I	K	E	B	R	O	W	N	E	P	L	L
I	C	E	V	O	L	C	A	N	O	E	S	H	W	L
E	P	R	D	H	I	A	A	J	Q	S	B	O	K	I
P	B	W	Y	N	Q	W	A	T	E	R	I	C	E	T
A	R	F	F	S	A	L	T	Q	U	A	O	A	R	E
M	M	Z	X	S	S	H	A	N	O	R	C	U	S	S

Find these words:

DWARF PLANET
HUNDREDS
ROUND
ASTRONOMER
MIKE BROWN

COMPOSITION
ROCK
GONGONG
ORCUS
QUAOAR



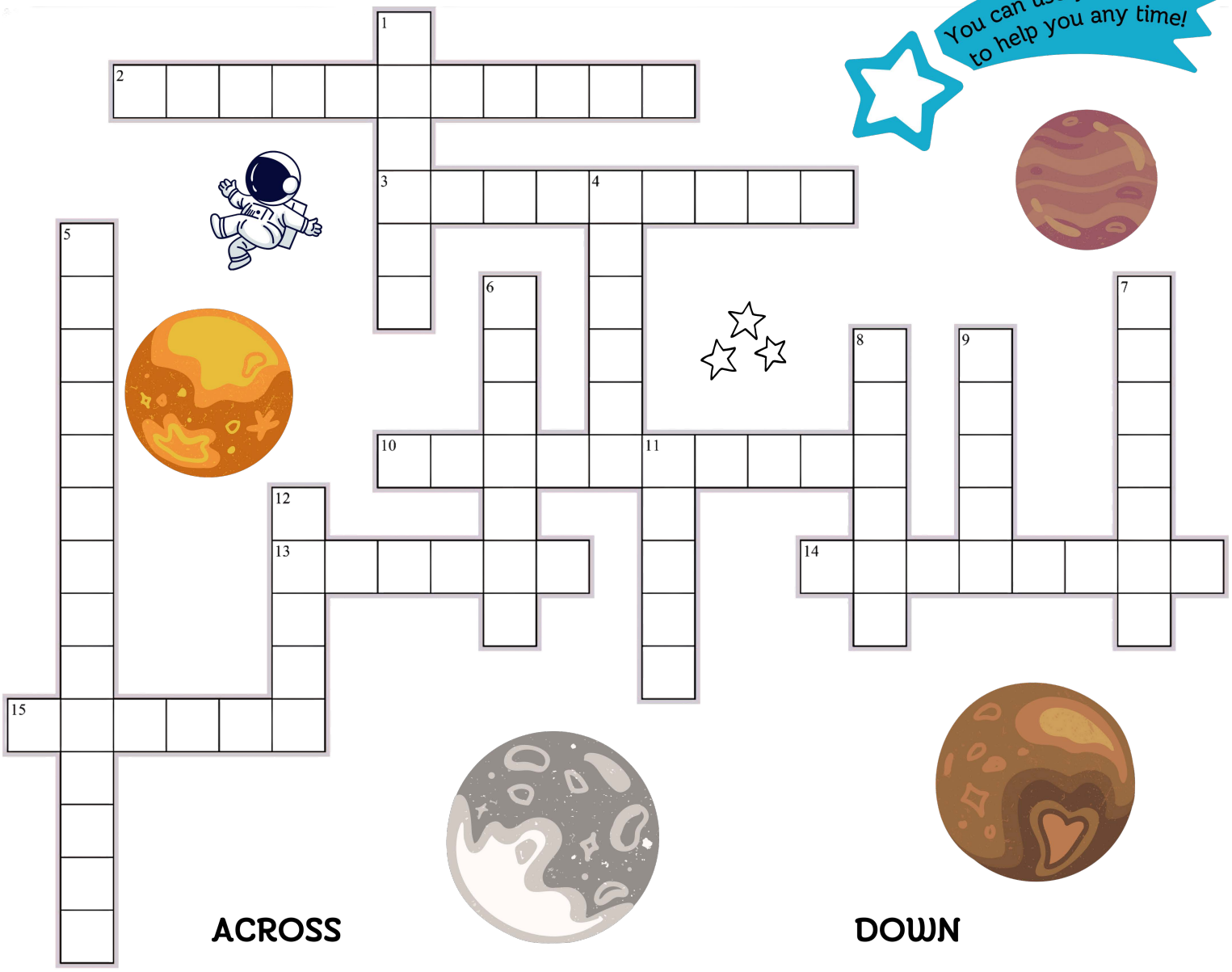
SEDNA
FARTHEST
ICE VOLCANOES
METHANE
WATER ICE

OORT CLOUD
SATELLITES
VANTH
WEYWOT
XIANGLIU

DWARF PLANETS

CROSSWORD PUZZLE #1

You can use your book to help you any time!



ACROSS

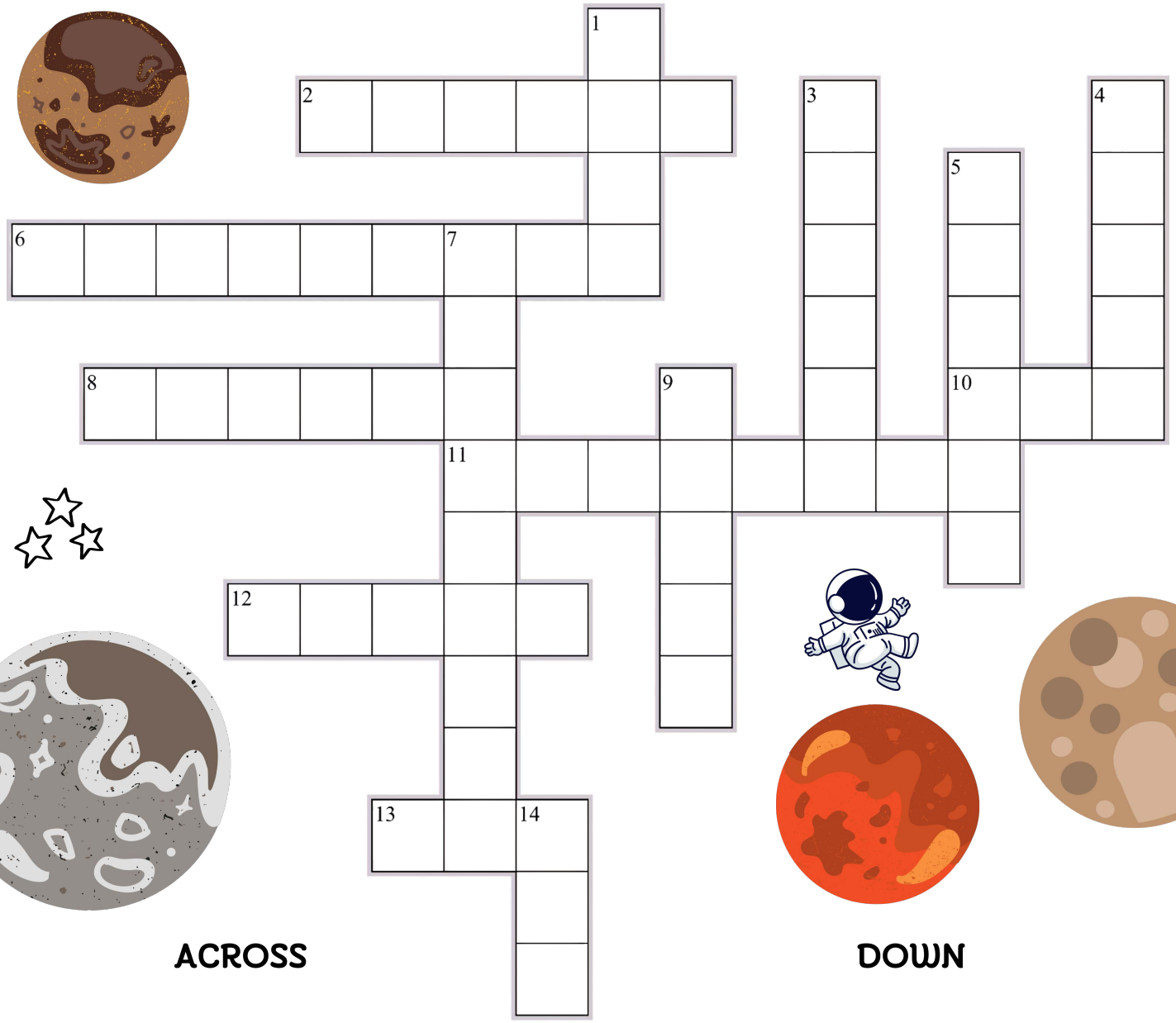
2. A type of round space object that goes around the Sun.
3. Haumea's shape.
10. The large area of space where Pluto and many other dwarf planets orbit.
13. Name of a certain Kuiper belt object made mostly of water ice.
14. Name of a certain small Kuiper belt object whose body has two parts.
15. A telescope located in space.

DOWN

1. A planet is shaped like a _____.
4. Name of a certain asteroid whose shape is roundish but lumpy.
5. How we describe the location of an object that orbits in the region of space beyond Neptune.
6. Name of a certain giant space object that does not have other objects of similar size around it.
7. A force that pulls stuff together and keeps it in place.
8. A planet that has rings.
9. Space object discovered by Clyde Tombaugh.
11. How we describe the shape of dwarf planets and planets.
12. In the outer solar system, small space objects _____ space with other objects of a similar size.

DWARF PLANETS

CROSSWORD PUZZLE #2



ACROSS

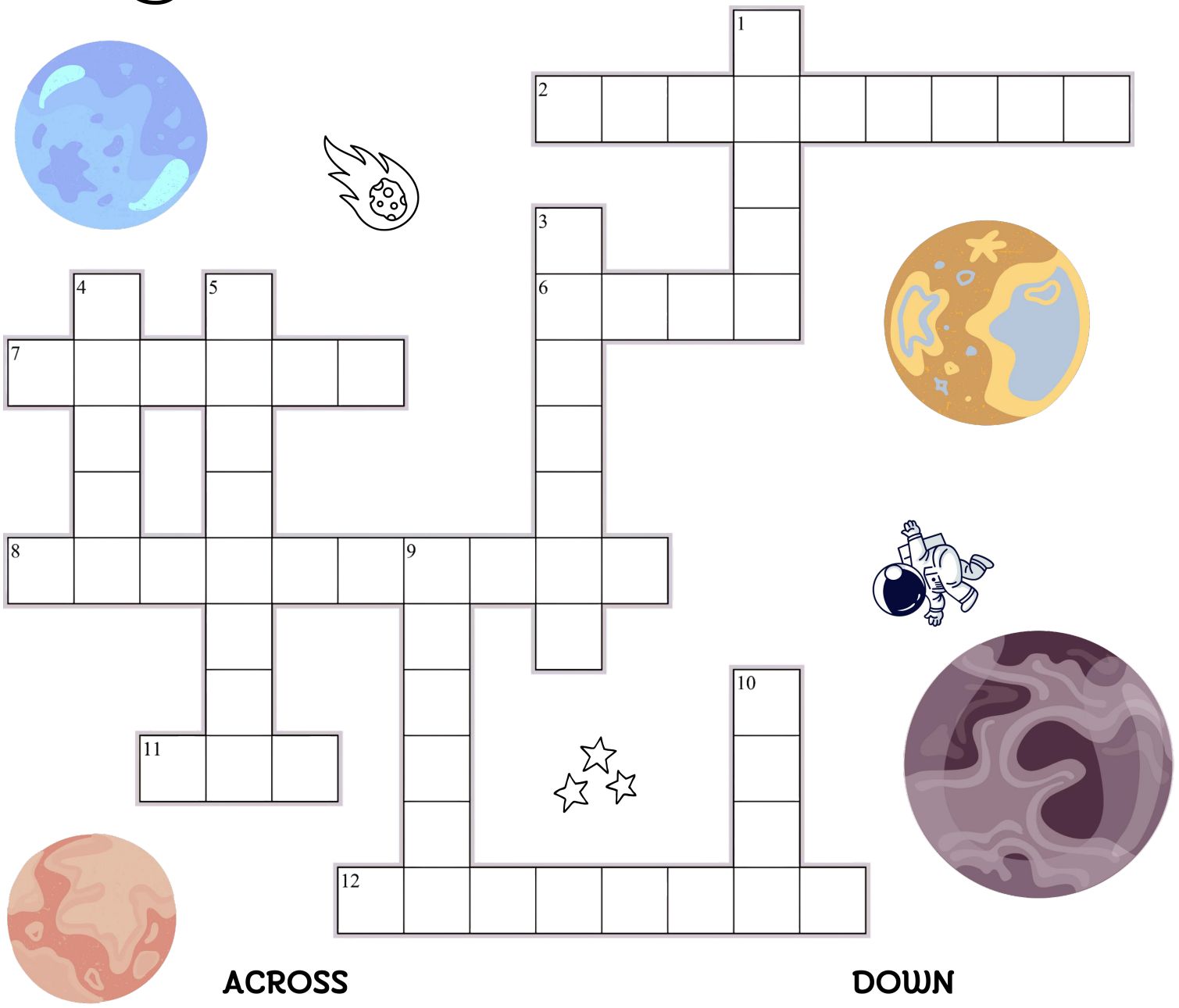
2. Largest transneptunian moon.
6. Haumea and Pluto likely got their moons in a giant _____.
8. Spin all the way around.
10. Number of known satellites Haumea has.
11. A reddish dwarf planet.
12. Haumea _____ very fast.
13. Color of Haumea's dark spot.

DOWN

1. Namaka is a _____.
3. The only dwarf planet with a ring.
4. Dwarf planet that was discovered in 1930.
5. A planet and its moons are called a _____.
7. Haumea lost its _____ when it collided with another large object.
9. Planet with the slowest rotation (or longest day).
14. How long it takes for a space object to spin all the way around one time.

DWARF PLANETS

CROSSWORD PUZZLE #3



ACROSS

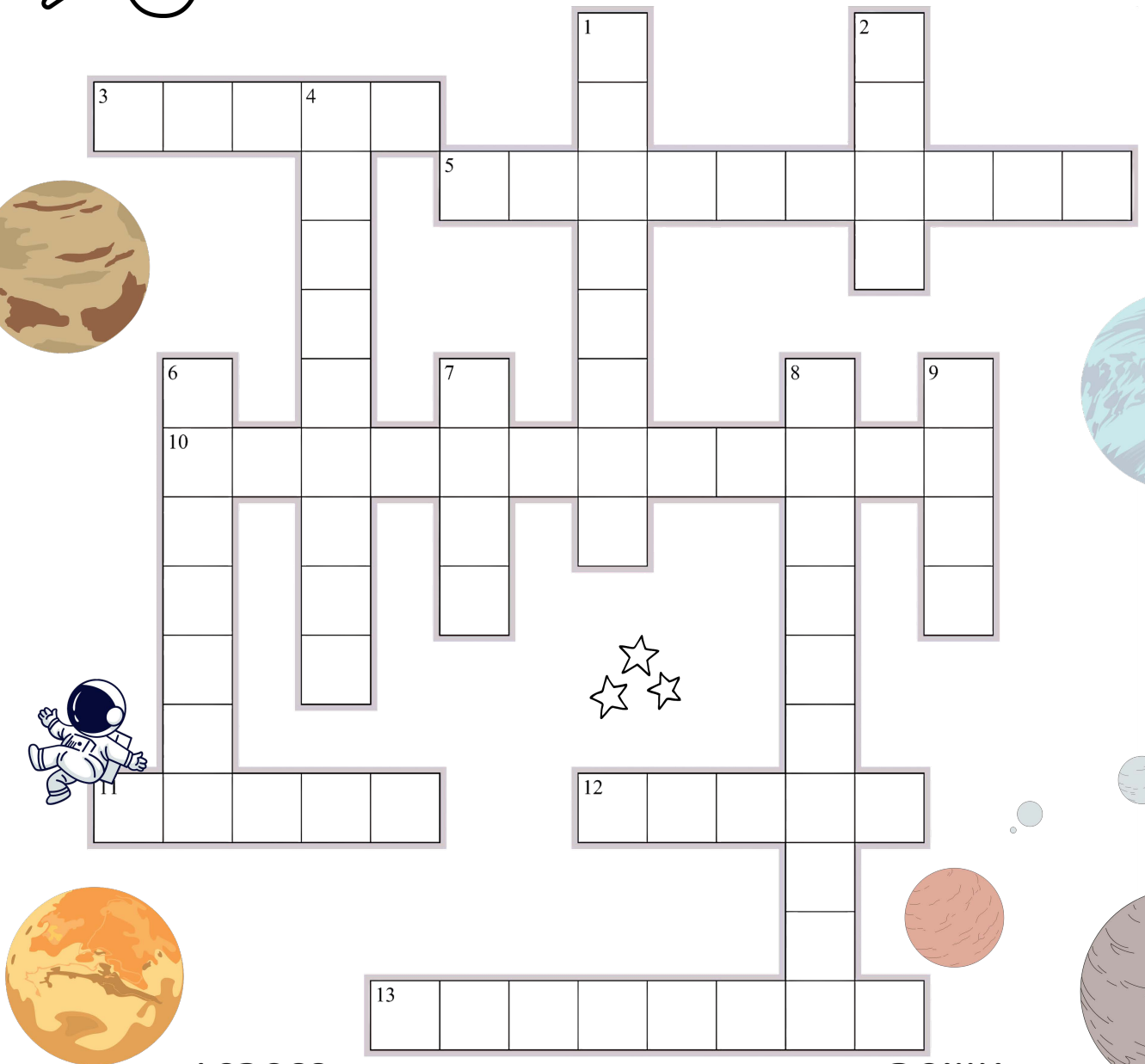
2. If astronomers find one or more of this, it can help them figure out how heavy a planet is and what it is made of.
6. This dwarf planet orbits in the scattered disc.
7. Makemake has small _____ of methane ice on its surface.
8. This protects planets from the Sun and from collisions with small space objects.
11. Number of known moons Makemake has.
12. This name comes from the people who lived on Easter Island.

DOWN

1. The smallest of the five dwarf planets.
3. This rocky planet does not have an atmosphere.
4. The path an object takes around the Sun.
5. This is a gas on Earth, but on very cold dwarf planets, it can be an ice, too.
9. Fastest spinning object in the solar system.
10. Eris weighs more than Pluto and the other dwarf planets because it has more of this inside it.

DWARF PLANETS

CROSSWORD PUZZLE #4



ACROSS

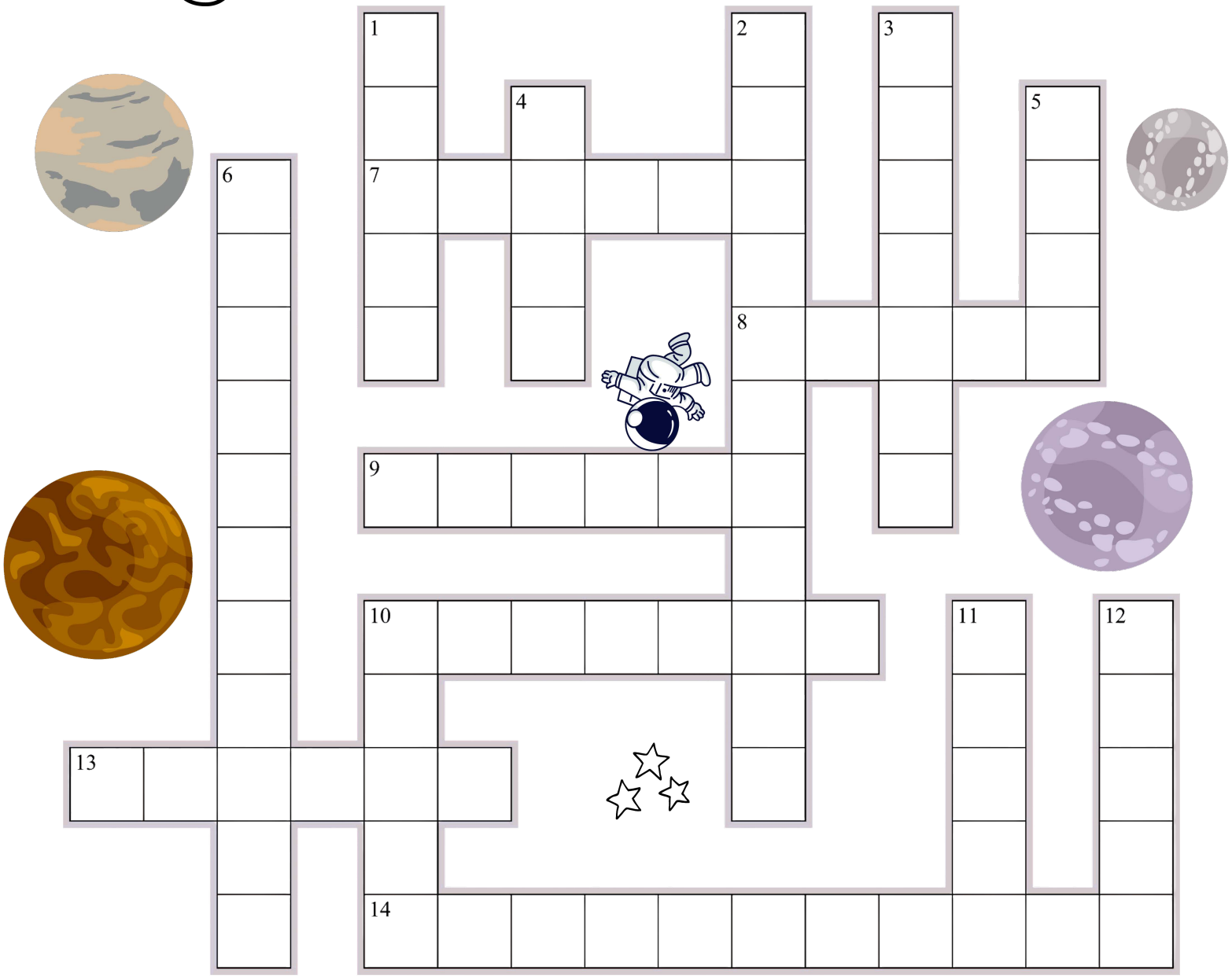
3. This dwarf planet spins upright and doesn't have any seasons.
5. A planet of any type that has one or more satellites.
10. Where Ceres orbits.
11. This rocky planet has a thick atmosphere but no satellites.
12. The biggest dwarf planet by diameter.
13. Many dwarf planets don't have flat orbits. Instead, they have _____ orbits.

DOWN

1. Eris' large and dark moon.
2. How long it takes for a space object to go all the way around the Sun one time.
4. Many dwarf planets have _____ orbits, so they are not always the same distance away from the Sun.
6. Eris is the most _____ dwarf planet in the solar system.
7. This dwarf planet is named after a Greek goddess who caused trouble for everybody.
8. The way we describe an object if a lot of light bounces off of it.
9. One of Pluto's tiny moons.

DWARF PLANETS

CROSSWORD PUZZLE #5



ACROSS

7. Discoverer of Ceres.
8. Tombaugh Regio is Pluto's _____.
9. Charon has a very long group of _____ across its surface.
10. Crater on Ceres that has the largest bright spot.
13. Bowl-shaped place on an object's surface where a space rock hit.
14. Spacecraft that flew by Pluto on July 14, 2015.

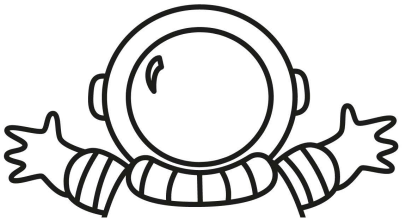
DOWN

1. Ceres sometimes has an atmosphere made of this.
2. There are hundreds of these mysterious things on Ceres.
3. Pluto's "snow" is made of this instead of water.
4. Spacecraft that visited Ceres.
5. What Cerealia Facula is made of.
6. Ahuna Mons is a _____.
10. Pluto and Ceres both have this underground.
11. Dwarf planet with blue skies and a frozen nitrogen lake.
12. Dwarf planet with no moon.

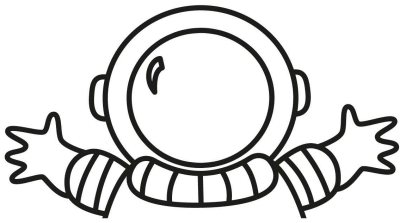
Zzzz

MY SPACE MISSION

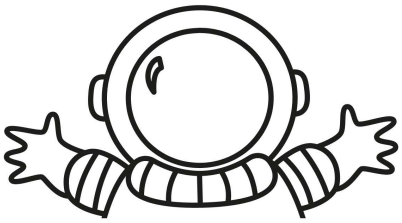
Imagine you could go on a *Space Mission* to a dwarf planet. Who would you go with?
Draw and name your shuttle crew for the mission.



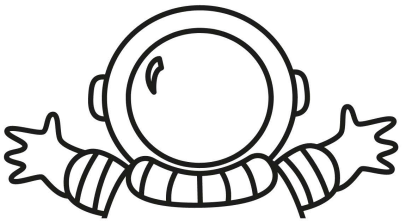
Pilot



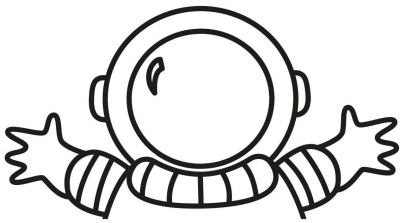
Mission Specialist



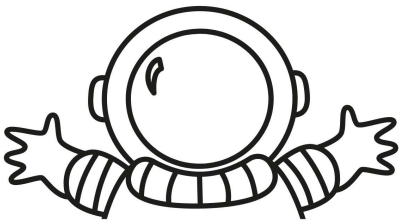
Mission Specialist



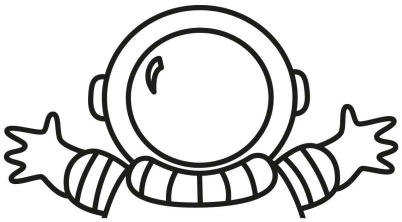
Commander



Payload Specialist



Payload Specialist

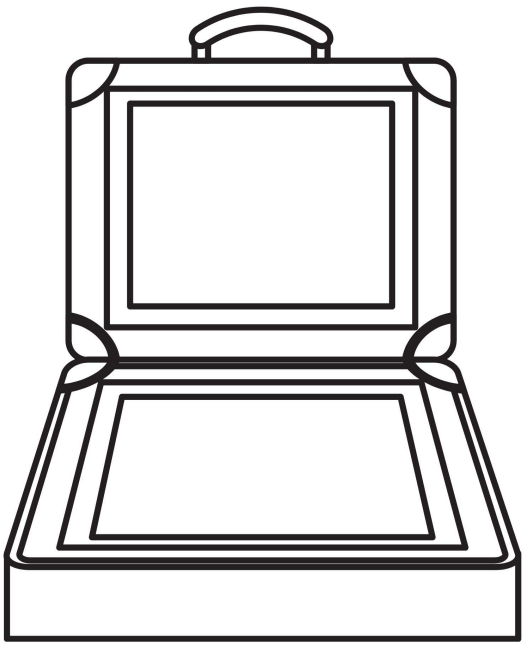


Flight Engineer

MY SPACE MISSION

1. Which dwarf planet would you like to explore?
Why? Draw a picture of your favorite dwarf planet.

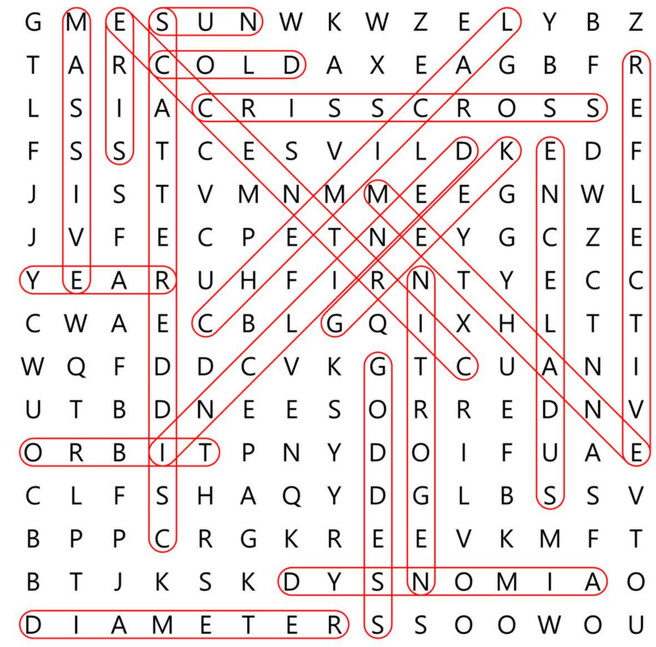
2. What would you need to take to explore? Draw and write. Use the back side of this paper if you need more space.



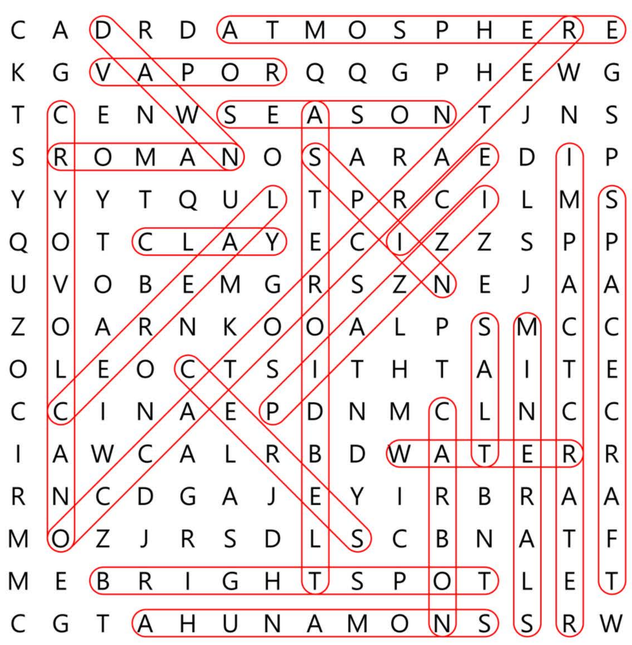
ANSWERS

HAUMEA WORD SEARCH

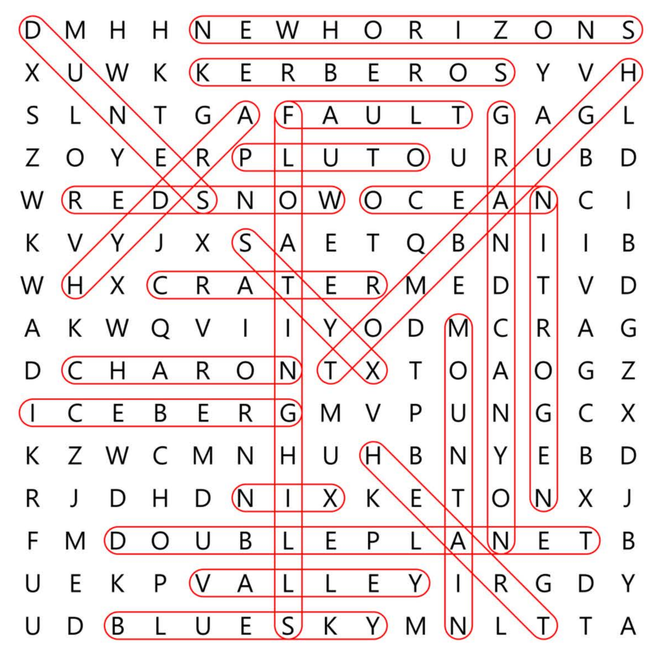
MAKEMAKE WORD SEARCH



ERIS WORD SEARCH

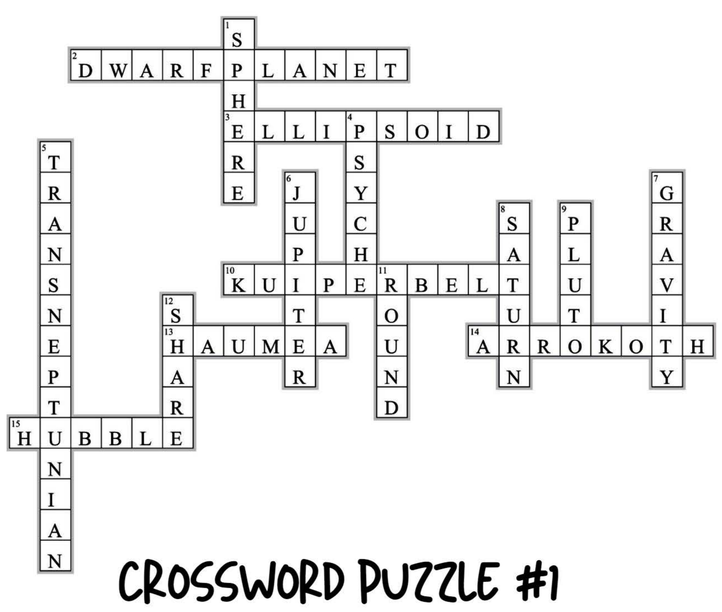


CERES WORD SEARCH

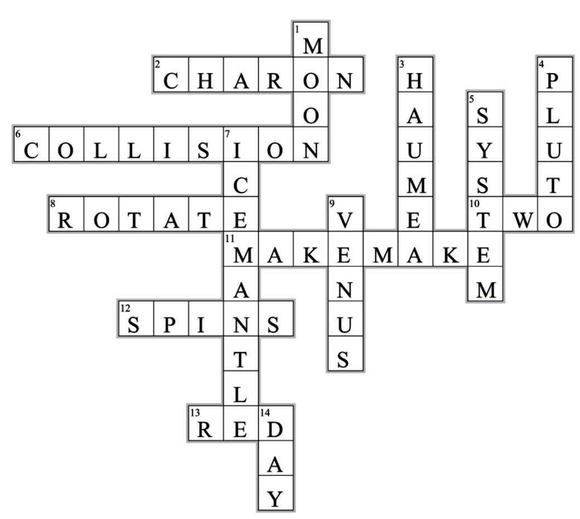


PLUTO WORD SEARCH

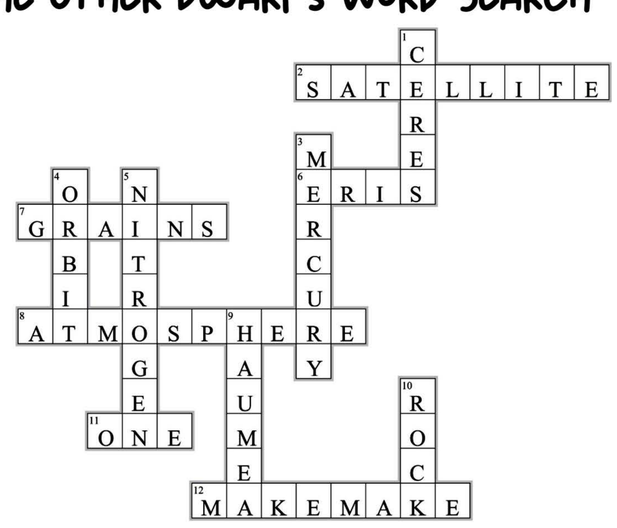
THE OTHER DWARFS WORD SEARCH



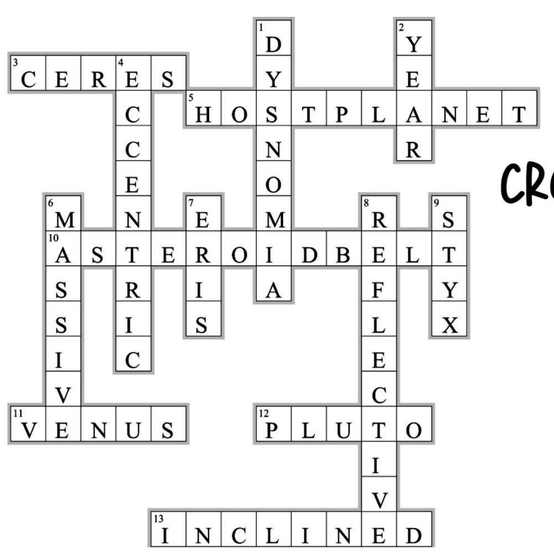
CROSSWORD PUZZLE #1



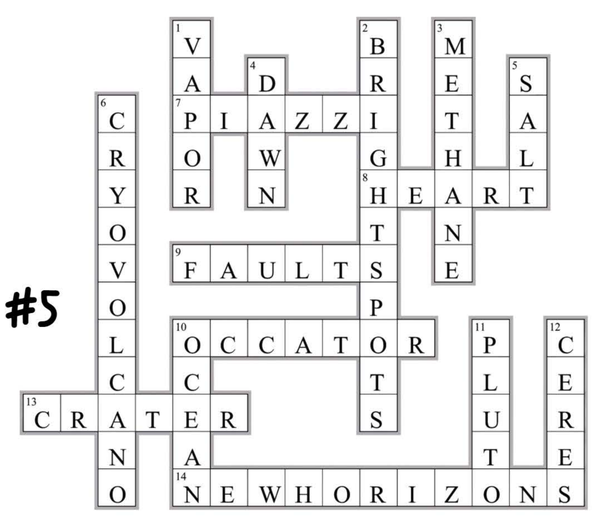
CROSSWORD PUZZLE #2



CROSSWORD PUZZLE #3



CROSSWORD PUZZLE #4



CROSSWORD PUZZLE #5