

Name \_\_\_\_\_

Write each word in the box next to the number of syllables it has.

asteroid	moon	comet	Jupiter
meteorite	Earth	Venus	constellation

1 syllable \_\_\_\_\_

1 syllable \_\_\_\_\_

2 syllables \_\_\_\_\_

2 syllables \_\_\_\_\_

3 syllables \_\_\_\_\_

3 syllables \_\_\_\_\_

4 syllables \_\_\_\_\_

4 syllables \_\_\_\_\_

How many syllables?

galaxy \_\_\_\_\_

alien \_\_\_\_\_

navigation \_\_\_\_\_

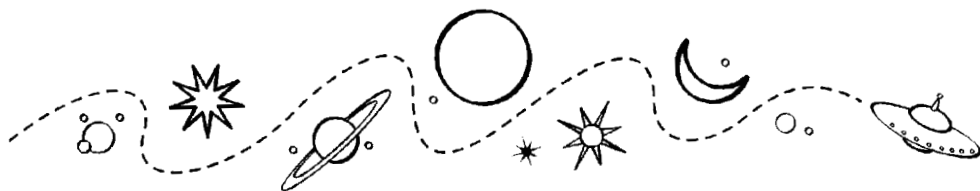
space \_\_\_\_\_

astronaut \_\_\_\_\_

gravity \_\_\_\_\_

eclipse \_\_\_\_\_

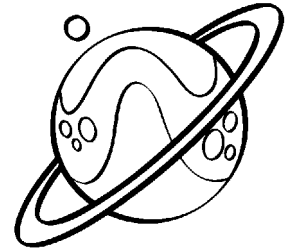
orbit \_\_\_\_\_



Name \_\_\_\_\_

For each of the following sentences, write as many synonyms for the underlined word as you can on the lines below. There is at least one synonym for every chosen word.

1. The atmosphere on Pluto is very, very cold.



2. Our Sun shines brightly in the daytime sky.

3. Poets all over the world say that the Moon is beautiful.

4. Mercury has the fastest orbit around the Sun of any planet.

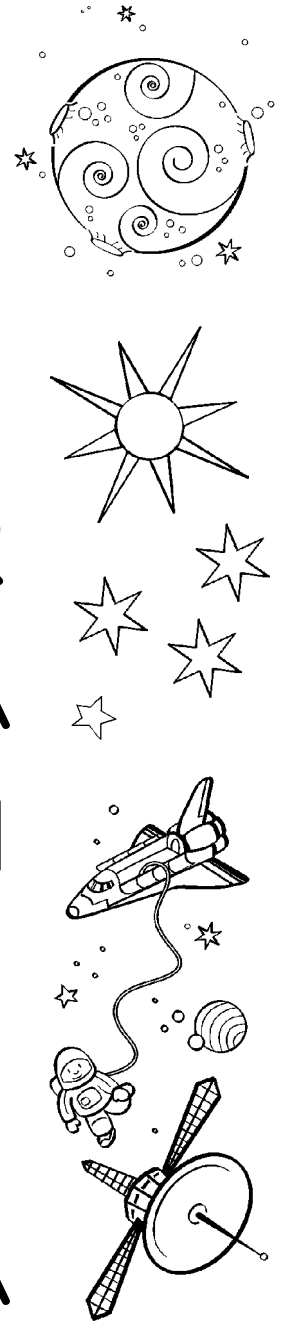
5. The universe is truly vast in size.

6. Polaris always shows us the correct way to find North.

Name \_\_\_\_\_

Find the words below in the puzzle.

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



Jupiter

Uranus

Earth

Venus

Mars

Mercury

Saturn

Neptune

Pluto

Sun

Name \_\_\_\_\_

Combine the words in the word box to create compound words.

rain	super	frost	quake	moon	night
light	space	burn	ship	sun	bite
shine	fall	sun	nova	earth	storm

1. \_\_\_\_\_ sunshine \_\_\_\_\_

6. \_\_\_\_\_

2. \_\_\_\_\_

7. \_\_\_\_\_

3. \_\_\_\_\_

8. \_\_\_\_\_

4. \_\_\_\_\_

9. \_\_\_\_\_

5. \_\_\_\_\_

Using each word below, write 3 or more compound words.  
The word shown can be in the front or the back of the word.

1. sun \_\_\_\_\_

2. light \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Many words in the English language are based on roots from other languages, such as Latin, Greek, and German. People combine different roots to make bigger, more specific words, but they keep the meanings of the old words.

The Greek roots “tele,” which means “distant or far away,” and “micro,” which means “very small” are added to “scope,” which means “to see”. This makes two words: telescope — a device that makes far things look bigger, and microscope — a device that makes small things look bigger.

Name all the words you can think of that start with “tele” and “micro.”

Tele—

Micro—

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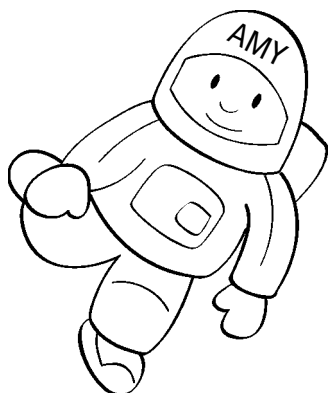
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Name \_\_\_\_\_

Amy and Andy are astronauts. Their mission is to explore a planet that no one has ever seen before. Write about how the planet looks and what they find on the planet.



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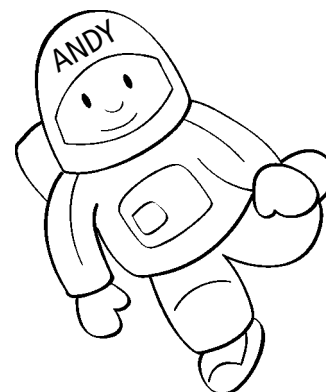
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Name \_\_\_\_\_

List 3 words that rhyme with the last word of the sentence. Then write a second sentence using one of those words.

1. Last night was the night of the full moon.

3 words: \_\_\_\_\_

Sentence: \_\_\_\_\_

2. The stars in the sky seemed to wink.

3 words: \_\_\_\_\_

Sentence: \_\_\_\_\_

3. One of the stars was bright red.

3 words: \_\_\_\_\_

Sentence: \_\_\_\_\_

4. Gray clouds painted the night with streaks and swirls.

3 words: \_\_\_\_\_

Sentence: \_\_\_\_\_

5. I went back inside when it got really cold.

3 words: \_\_\_\_\_

Sentence: \_\_\_\_\_

Name \_\_\_\_\_

Rewrite the following sentences in different tenses.

### Present Tense

Jenny is visiting Cape Canaveral, Florida. It is a big day for NASA, because today, scientists are launching a space probe. They are sending the probe past Pluto to take pictures. So Jenny and her third-grade class watch the rockets shoot the probe into space.

### Past Tense

Jenny \_\_\_\_\_ Cape Canaveral, Florida.  
It \_\_\_\_\_ a big day for NASA, because \_\_\_\_\_,  
scientists \_\_\_\_\_ a space probe. They  
\_\_\_\_\_ the probe past Pluto to take pictures. So Jenny and  
her third-grade class \_\_\_\_\_ the rockets shoot the probe  
into space.

### Future Tense

Jenny \_\_\_\_\_ Cape Canaveral, Florida.  
It \_\_\_\_\_ a big day for NASA, because \_\_\_\_\_,  
scientists \_\_\_\_\_ a space probe. They  
\_\_\_\_\_ the probe past Pluto to take pictures. So Jenny  
and her third-grade class \_\_\_\_\_ the rockets shoot  
the probe into space.



Name \_\_\_\_\_

Each sentence has one word spelled wrong.

Circle the spelling errors and write the correct spelling on the line.

1. Jupitern is larger than Neptune and Saturn. \_\_\_\_\_
2. Astronauts are treined to fly in space. \_\_\_\_\_
3. Someday humans will coloniez the Moon. \_\_\_\_\_
4. Spaceships have to be made of togh metal. \_\_\_\_\_
5. Did you see the new NASA satelite? \_\_\_\_\_
6. It takes yaers for comets to orbit the Sun. \_\_\_\_\_

Some of the words below are misspelled. If they are spelled correctly circle yes. If they are misspelled, circle no and spell the word correctly on the line next to it.

1. loanly      yes   no      \_\_\_\_\_
2. bright      yes   no      \_\_\_\_\_
3. gentel      yes   no      \_\_\_\_\_
4. glowing      yes   no      \_\_\_\_\_
5. orbited      yes   no      \_\_\_\_\_
6. shyne      yes   no      \_\_\_\_\_
7. distent      yes   no      \_\_\_\_\_

Name \_\_\_\_\_

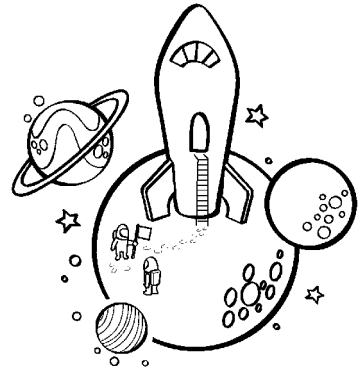
Imagine that you are an astronaut.

What planet would you like to explore?

You can explore any planet in our solar system,  
or make up a planet of your own.

I want to visit \_\_\_\_\_

\_\_\_\_\_



On the planet \_\_\_\_\_, I can see

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

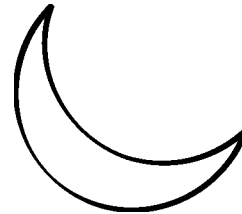
\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Adjectives are words that describe a noun, and adverbs are words that describe a verb. Circle all the adjectives and adverbs in the paragraph below.

The ancient Romans thought that the planet Mars, which looks like a red “star” in the night sky, was actually colored with blood. They named it after their violent god of war. They thought that Venus was the prettiest “star,” so they wisely named it after their beautiful goddess of love. The planets they could easily see also included quick Mercury, named after the speedy messenger of the gods, and Jupiter, the powerful king of the gods.



Write down all the adjectives and adverbs you circled.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name \_\_\_\_\_

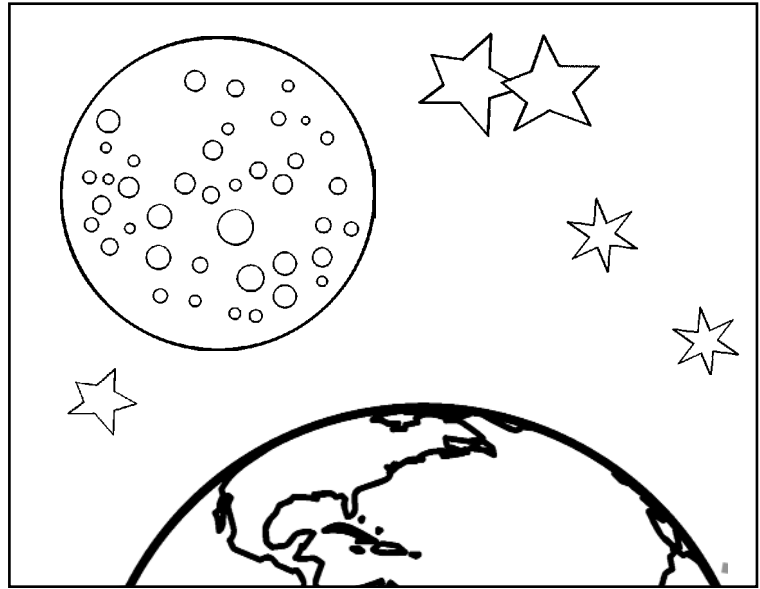
A haiku poem has 3 lines. Each line contains a set number of syllables.

Line 1 – 5 syllables

Line 2 – 7 syllables

Line 3 – 5 syllables

Full Moon shines yellow  
Stars twinkle silent over  
snoring, sleeping Earth.



Write a haiku poem about space.

Draw a picture to illustrate your poem.

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Name \_\_\_\_\_

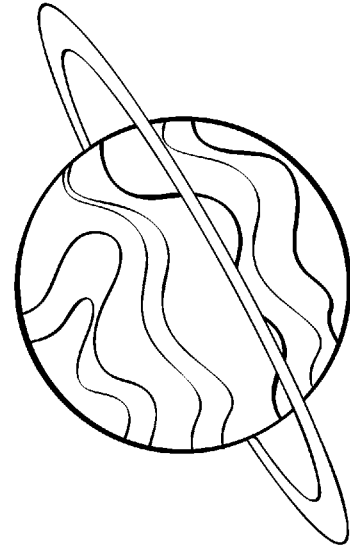
Put these sentences in time order.

Uranus is now the only planet that rotates on its side.

A very large object struck Uranus with great force millions of years ago.

Uranus was formed out of a collection of gas, dust, and ice.

In the explosion, Uranus's moons and rings were created, and Uranus was knocked off course.



1. \_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

\_\_\_\_\_

4. \_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

The planets are named after gods from Roman myth.

Many constellations, like Gemini and Sagittarius, are also linked to people and objects from Greek and Roman mythology.

Myths are stories that shape beliefs and cultures.

Pick a planet or a constellation and research the Greek or Roman myth it was named for.

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Name \_\_\_\_\_

Some poems depend on rhymes more than others.

Pick a single word that has a lot of rhyming words, like moon, Sun, or space and write a poem using as many of the words as you can.

Example:

Johnny Case was a space ace.

His favorite thing in the universe was the big rocket race.

He had to race to the face of the man in the Moon to be in first place.

He set the pace — he raced with grace

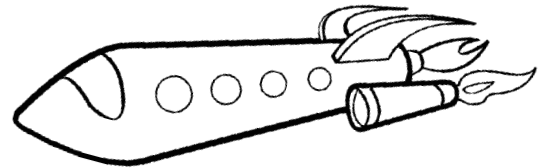
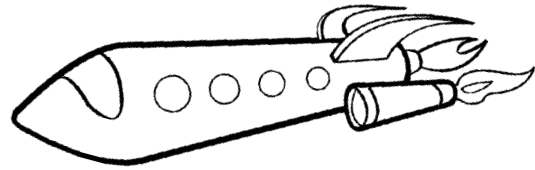
His rockets fired without a trace,

And he touched down on base.

But he didn't win the race in space —  
such a disgrace.

Case had been replaced and his name was erased.

He was so fast he landed the day before the race.



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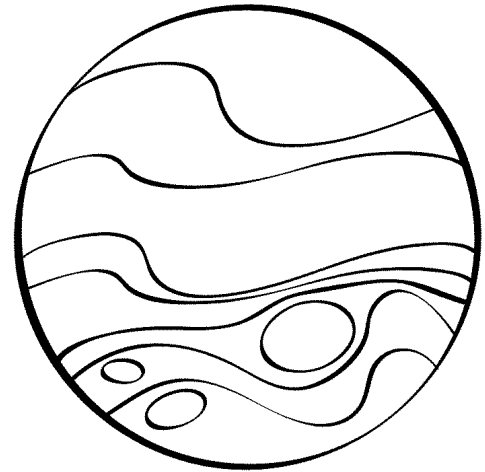
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Name \_\_\_\_\_

Rearrange the letters to spell words  
from your Fact Files.



1. naigt

\_\_\_\_\_

2. listeleta

\_\_\_\_\_

3. redetomio

\_\_\_\_\_

4. racoon

\_\_\_\_\_

5. vyriagt

\_\_\_\_\_

6. arols

\_\_\_\_\_

7. lenocattinlos

\_\_\_\_\_

8. emehtna

\_\_\_\_\_

gravity

corona

methane

giant

satellite

meteoroid

solar

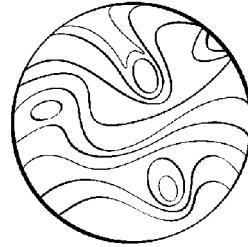
constellation



Name \_\_\_\_\_

Sentences that ask a question end with a question mark (?). Write a question mark after the sentences that ask a question. If the sentence does not ask a question, write a period (.).

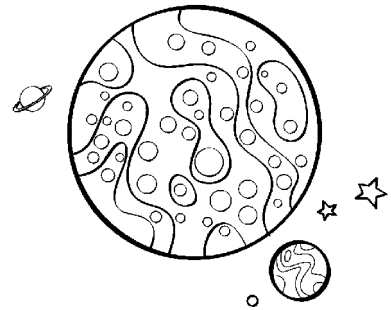
1. How long ago did the comet pass by \_\_\_\_\_



2. My father and I went outside last night \_\_\_\_\_

3. I saw some shooting stars \_\_\_\_\_

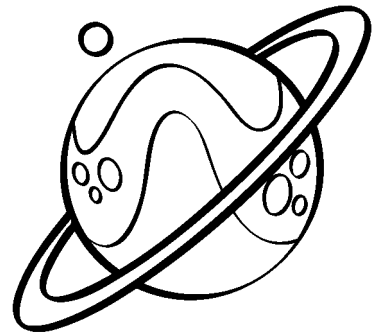
4. Were you able to find Polaris \_\_\_\_\_



5. Did you all look through the big telescopes  
or not \_\_\_\_\_

6. I want to be an astronaut \_\_\_\_\_

7. Who can tell me what kind of planets  
Jupiter and Saturn are \_\_\_\_\_



8. It's getting a little bit dark outside \_\_\_\_\_

Name \_\_\_\_\_

A tanka poem has 5 lines. Each line contains a set number of syllables.

Line 1 – 5 syllables

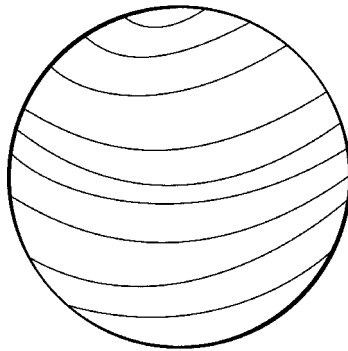
Line 2 – 7 syllables

Line 3 – 5 syllables

Line 4 – 7 syllables

Line 5 – 7 syllables

Cold Neptune's frozen  
Ice shimmers blue in deep space.  
Glacier seas and sky  
Ice and methane crystals, like  
Jewels in the Sea God's beard.



Write a tanka poem about space.

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Name \_\_\_\_\_

Contractions are short forms of commonly used word pairs. They are combined into one word, some vowels are dropped, and the missing vowels are replaced by apostrophes.

For example, “is not” is contracted into the word “isn’t.”

In each of the columns below, write down the contraction or the long form of the contraction.

Long Forms

it is

she would

\_\_\_\_\_

can not

\_\_\_\_\_

should not

\_\_\_\_\_

he will

Contractions

\_\_\_\_\_

doesn't

\_\_\_\_\_

won't

\_\_\_\_\_

Tracey's

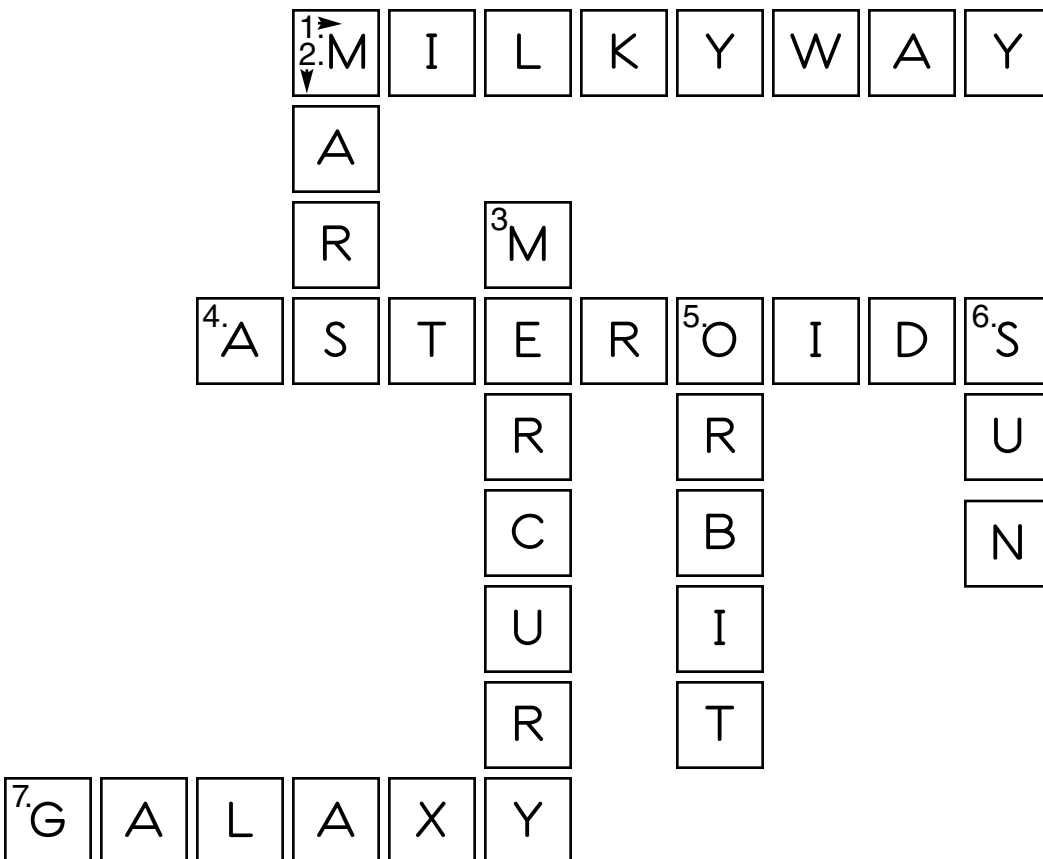
\_\_\_\_\_

I'm

Name \_\_\_\_\_

The following crossword puzzle is filled out.

Provide clues for each word in the spaces below.



1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_