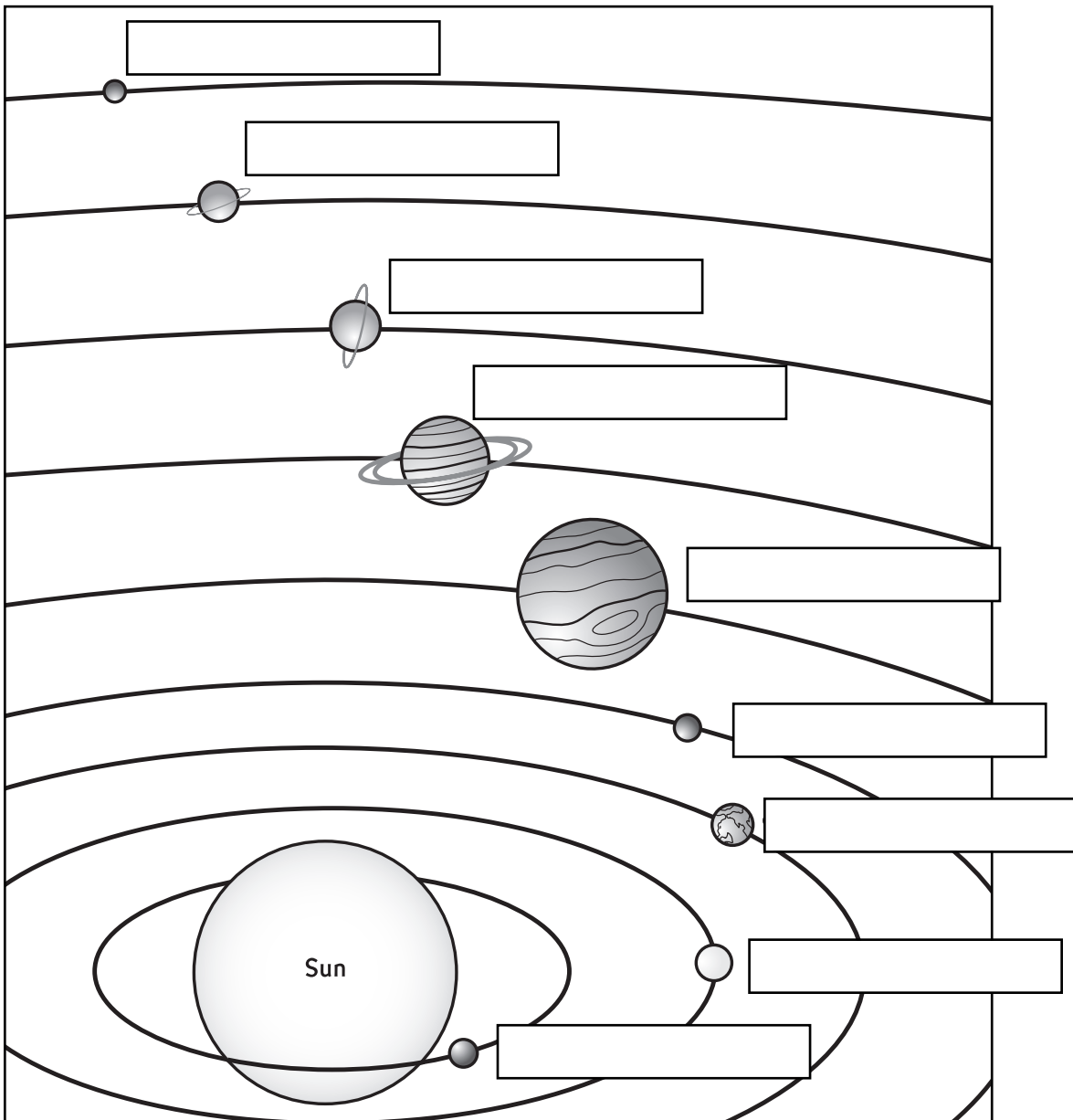


Name _____

Use your Solar System Fact File to answer the questions.

1. What do all the objects in our solar system orbit? _____
2. How many moons are in the solar system? _____
3. Write the names of the planets in the boxes next to them.



Name _____

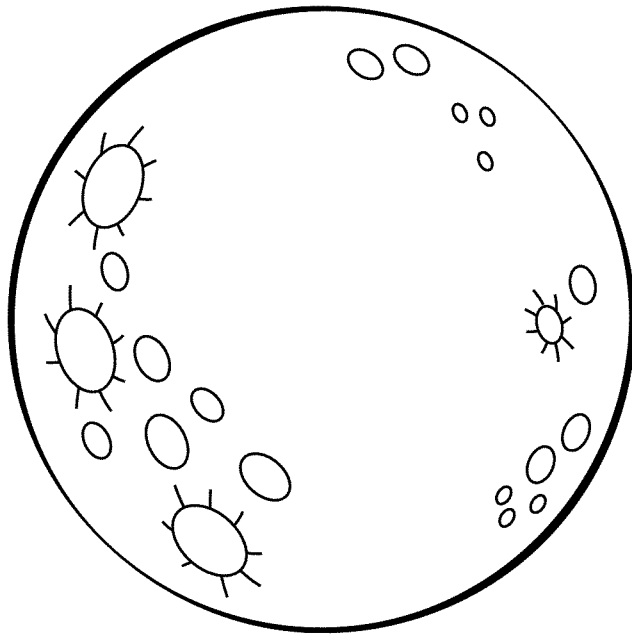
Use your Mercury Fact File to answer the questions.

1. Is Mercury a rocky or gas planet? _____
2. What position is Mercury in? _____
3. Does Mercury orbit the sun quickly or slowly?

4. What does Mercury's thin atmosphere cause?

5. Would you weigh more on Mercury or on Earth?

6. What colors are Mercury? _____
Color it.



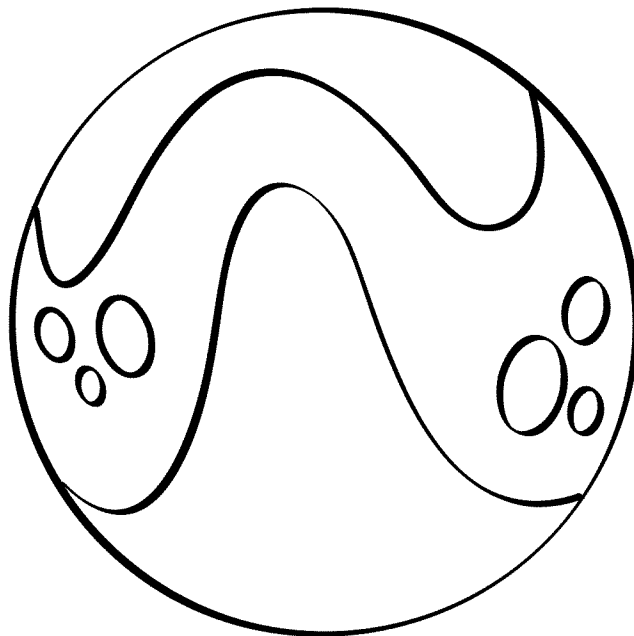
Name _____

Use your Venus Fact File to answer the questions.

1. Is Venus a rocky or gas planet? _____
2. What position is Venus in? _____
3. How many times hotter than boiling water is Venus?

4. If you lived on Venus, would a day go by faster than
a year? _____
5. Would you weigh more on Venus or on Earth?

6. What color is Venus? _____
Color it.



Name _____

Use your Earth Fact File to answer the questions.

1. Is Earth a rocky or gas planet? _____
2. What position is Earth in? _____
3. Is Earth the only planet in the solar system that supports life? _____
4. What do you think the white swirls on Earth are?

5. Is Earth hotter or colder than Mars?

6. What colors are Earth? _____
_____ Color it.



Name _____

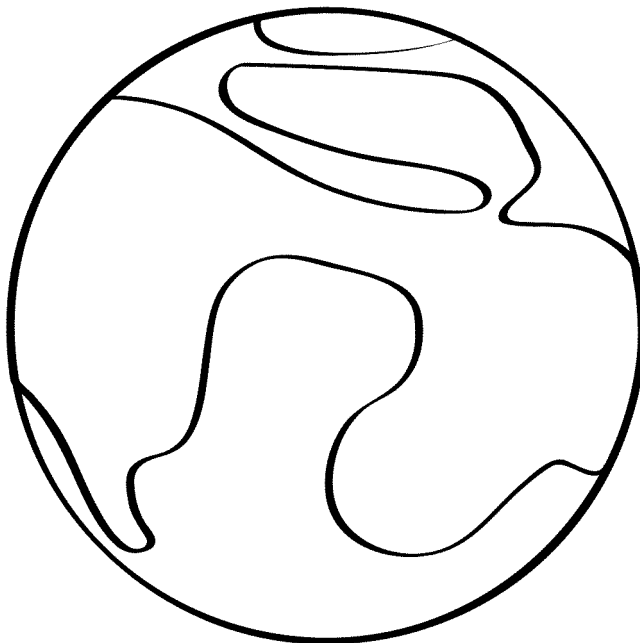
Use your Mars Fact File to answer the questions.

1. Is Mars a rocky or gas planet? _____
2. What position is Mars in? _____
3. How many moons does Mars have?

4. What happened to the liquid water that was once on Mars?

5. Would you weigh more on Mars or on Earth?

6. What color is Mars? _____ Color it.



Name _____

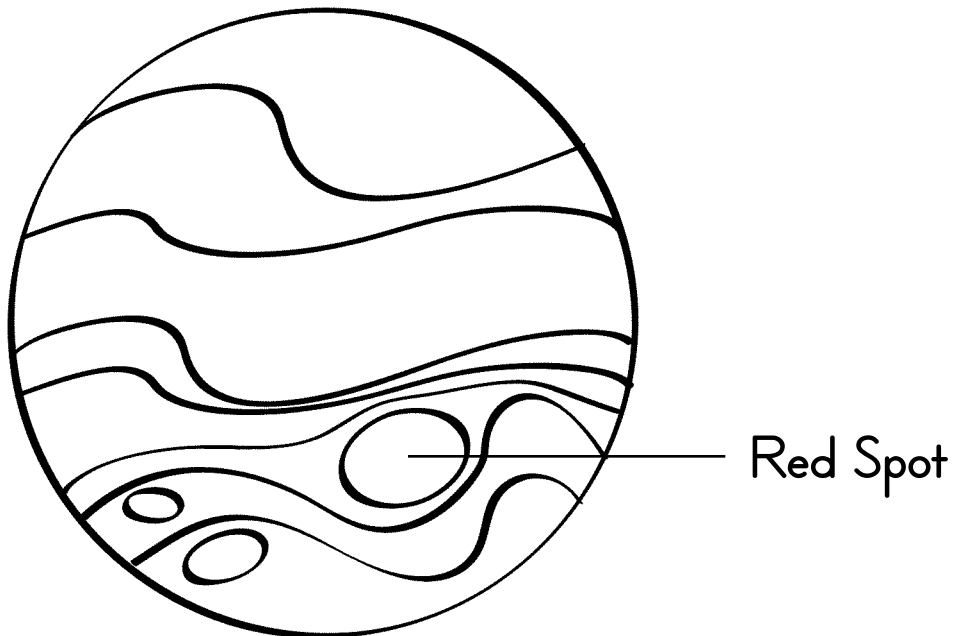
Use your Jupiter Fact File to answer the questions.

1. Is Jupiter a rocky or gas planet? _____
2. What position is Jupiter in? _____
3. What is the red spot on Jupiter?

4. Is Jupiter's weather calm or stormy? _____
5. Would you weigh more on Jupiter or on Earth?

6. What colors are Jupiter? _____

Color it.



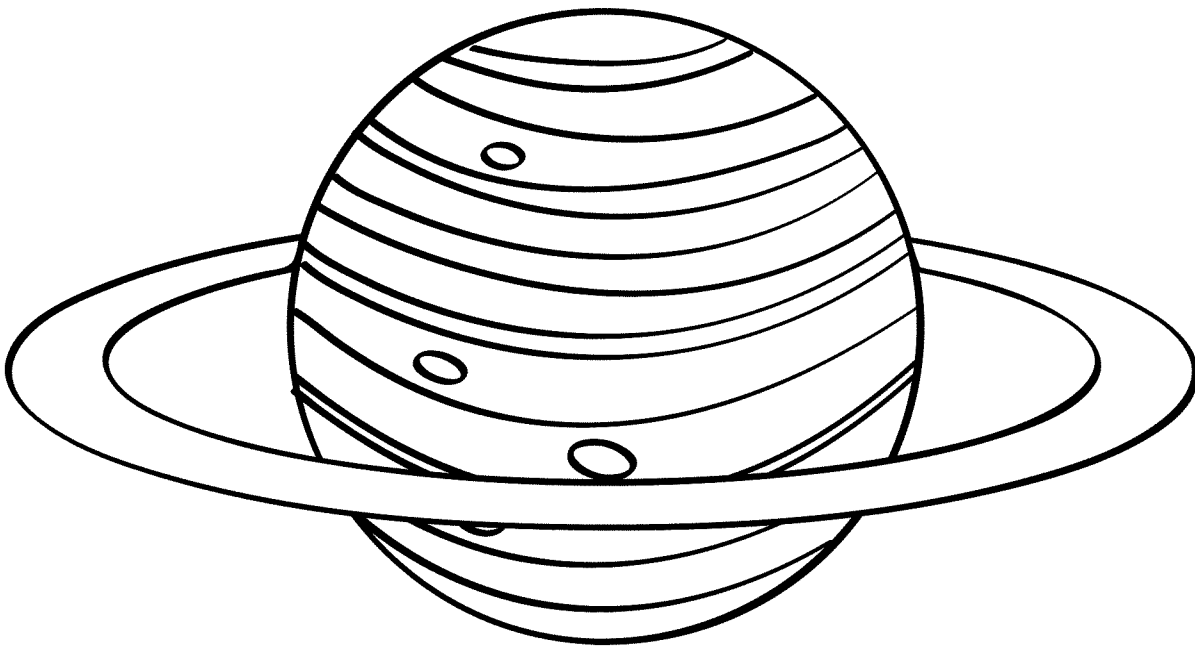
Name _____

Use your Saturn Fact File to answer the questions.

1. Is Saturn a rocky or gas planet? _____
2. What position is Saturn in? _____
3. What are Saturn's rings made of?

4. Would Saturn float if it were in water? _____
5. Would you weigh more on Saturn or on Earth?

6. What colors are Saturn? _____
_____ Color it.



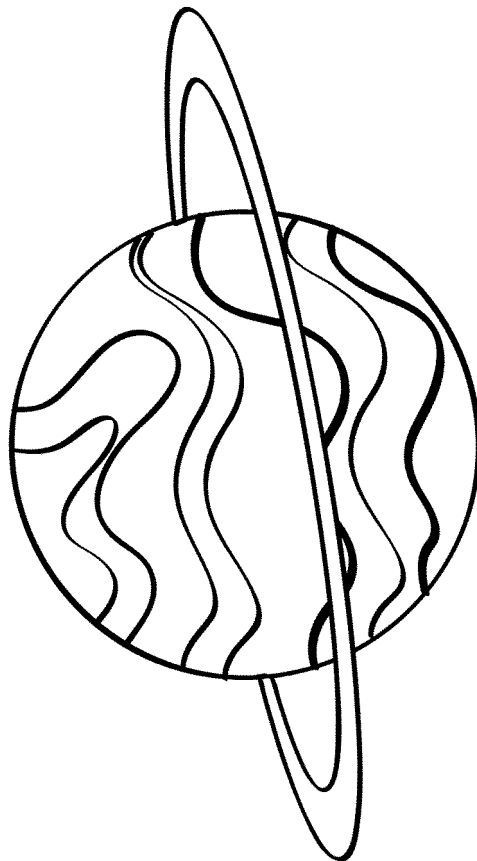
Name _____

Use your Uranus Fact File to answer the questions.

1. Is Uranus a rocky or gas planet? _____
2. What position is Uranus in? _____
3. How did Uranus become tilted on its side?

4. Is a day longer on Earth or Uranus? _____
5. Would you weigh more on Uranus or on Earth?

6. What color is Uranus? _____ Color it.



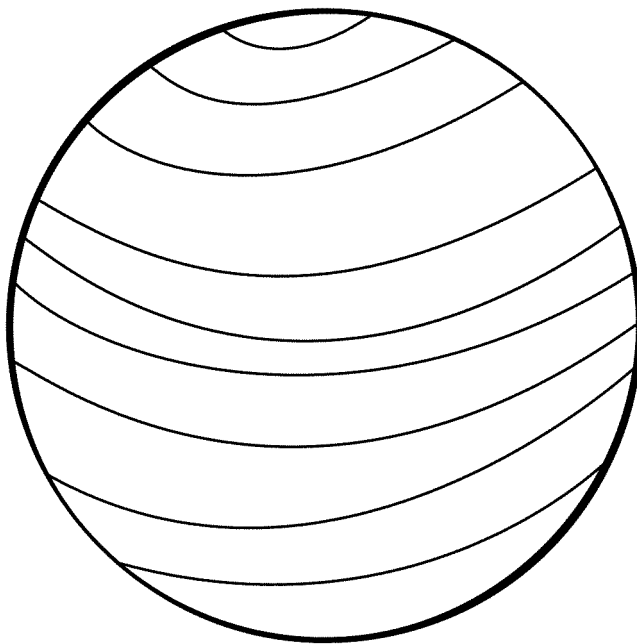
Name _____

Use your Neptune Fact File to answer the questions.

1. Is Neptune a rocky or gas planet? _____
2. What position is Neptune in? _____
3. What is Neptune's core made of?

4. Is Neptune's sea warm or cold? _____
5. Would you weigh more on Neptune or on Earth?

6. What color is Neptune? _____ Color it.



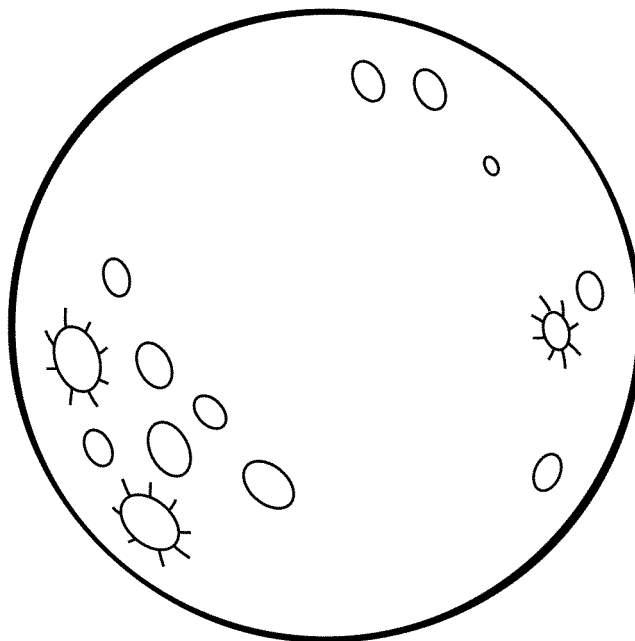
Name _____

Use your Pluto Fact File to answer the questions.

1. Is Pluto a rocky or gas planet? _____
2. What position is Pluto in? _____
3. What shape is Pluto's orbit? _____
4. How many times farther from the sun is Pluto than Earth?

5. Would you weigh more on Pluto or on Earth?

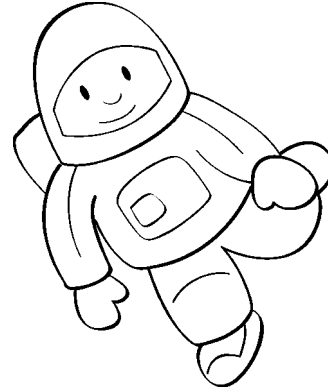
6. Whose moon might Pluto have been? _____
7. What color is Pluto? _____ Color it.



Name _____

The spacesuit that astronauts wear protects them from the extreme temperatures of outer space. It also provides air for them to breathe and protects their bodies from being hit by small particles that might whiz by.

When astronauts work outside of their spacecraft, they wear a backpack that has jets on it. This moves them from place to place.



1. List three things a spacesuit does for an astronaut.

1. _____

2. _____

3. _____

2. What moves an astronaut around if he or she is working outside of the spacecraft?

Name _____

Write a "T" next to each true statement about the Sun. Write an "F" if the statement is false.

Use your Sun Fact File.

_____ The Sun is mostly helium.

_____ The Sun is a medium-sized star.

_____ The Sun is a giant-sized star.

_____ The Sun is hotter at its core (center) than at its surface.

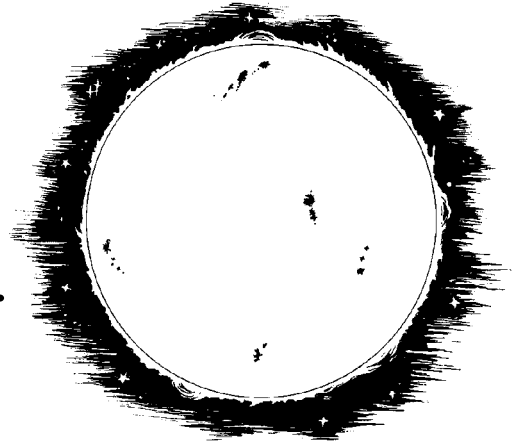
_____ The Sun is red.

_____ Light from the Sun takes 8 minutes to reach the Earth.

_____ The Sun is the center of our solar system.

_____ The Sun orbits the Earth.

_____ The Sun is very, very hot.



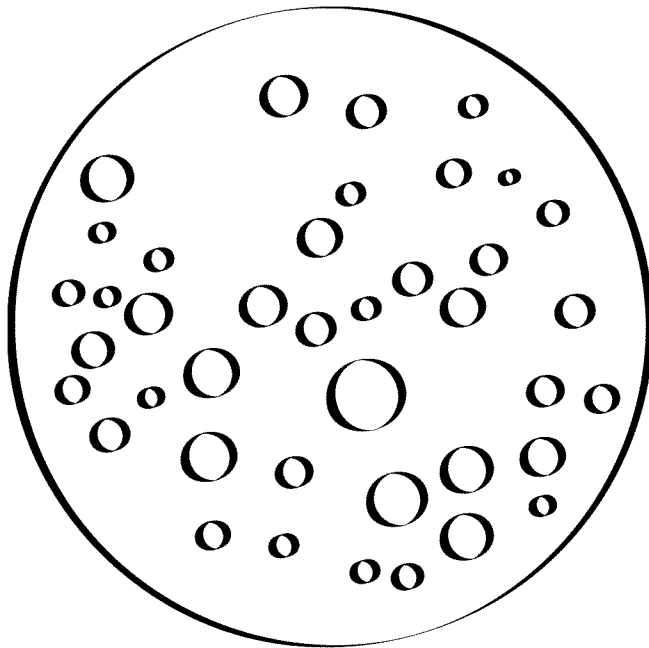
Name _____

Use your Moon Fact File to answer the questions.

1. What does the Moon orbit? _____
2. Could you breathe on the Moon without a spacesuit? _____
3. Why is Neil Armstrong's footprint still on the surface of the Moon? _____

4. Would you weigh more on the Moon or on Earth? _____

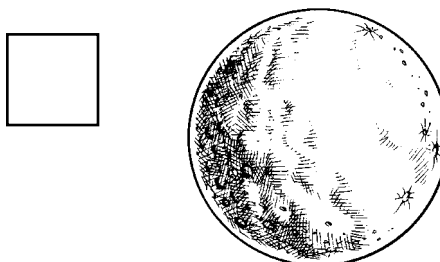
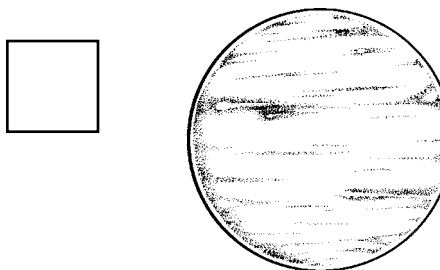
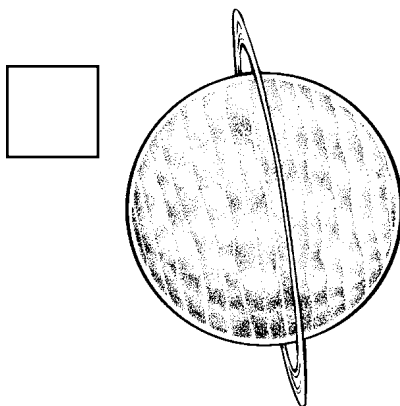
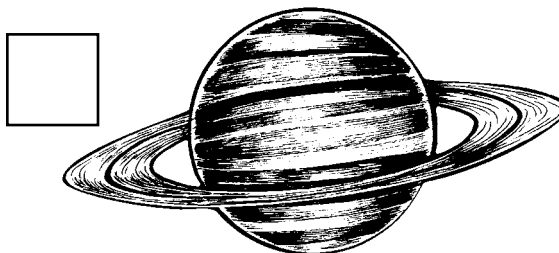
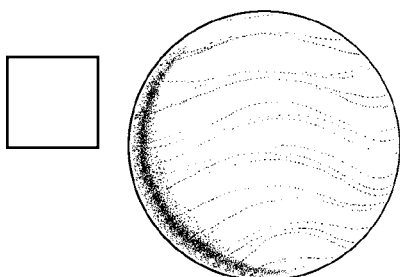
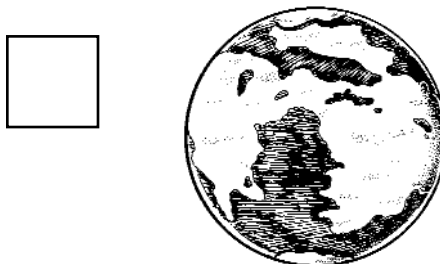
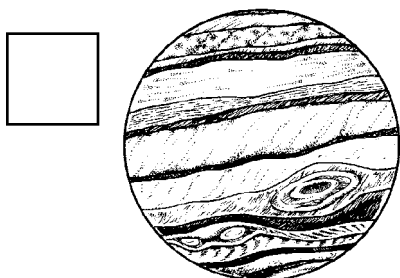
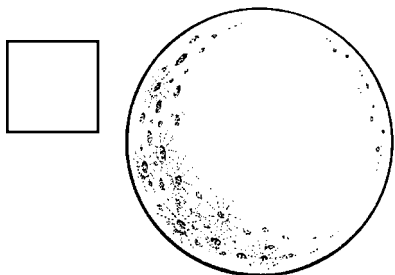
5. What colors are the Moon? _____
Color it.



Name _____

Put an X in the boxes that are next to the rocky planets.

Put a ✓ (check) in the boxes that are next to the gas planets.

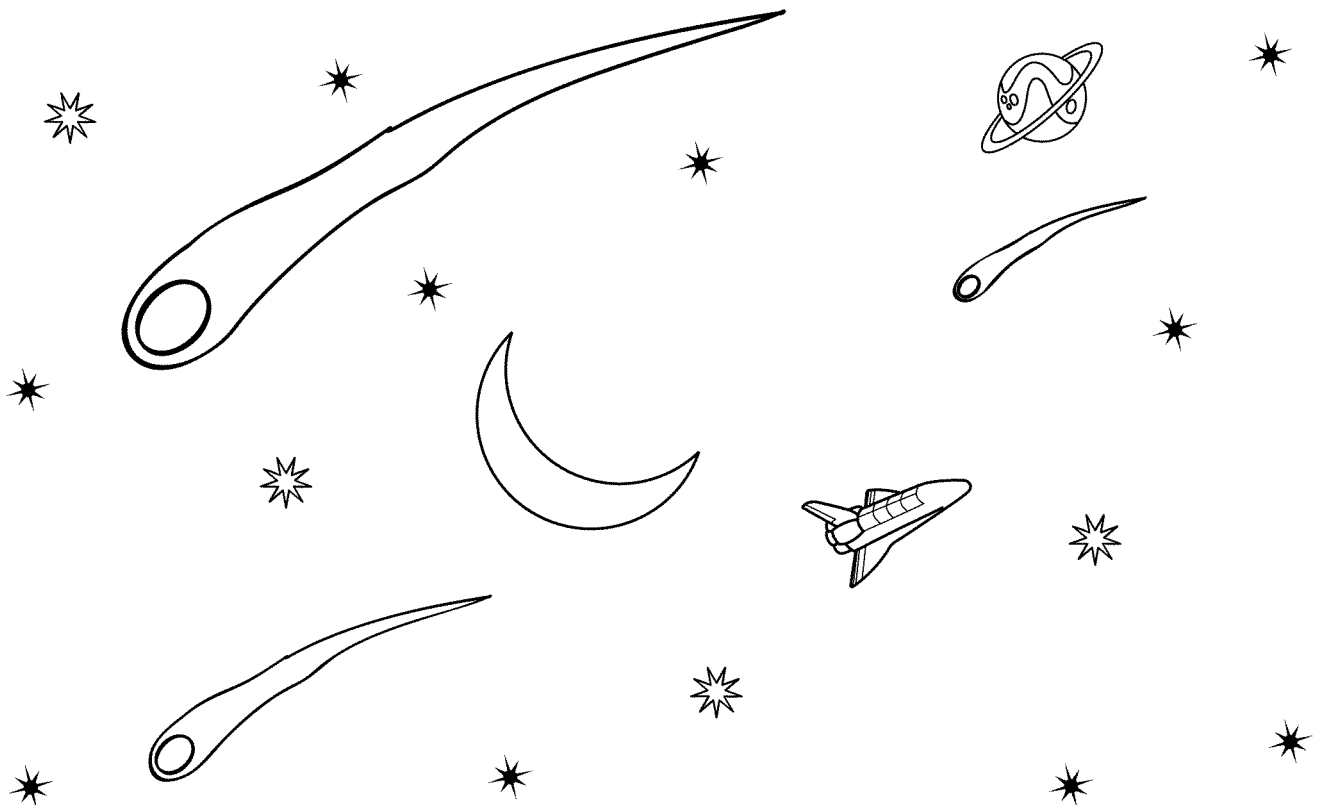


Name _____

If you have seen a shooting star, you have seen a meteor.
Meteors are not stars. They are bits of rock, metal, or ice
that burn up, leaving bright streaks in the sky.

1. What are meteors made of? _____

2. Are meteors bits of stars? _____
3. What is a meteor called when it hits the Earth?
(Use your Meteor Fact File.) _____
4. Circle the meteors in this pictures.



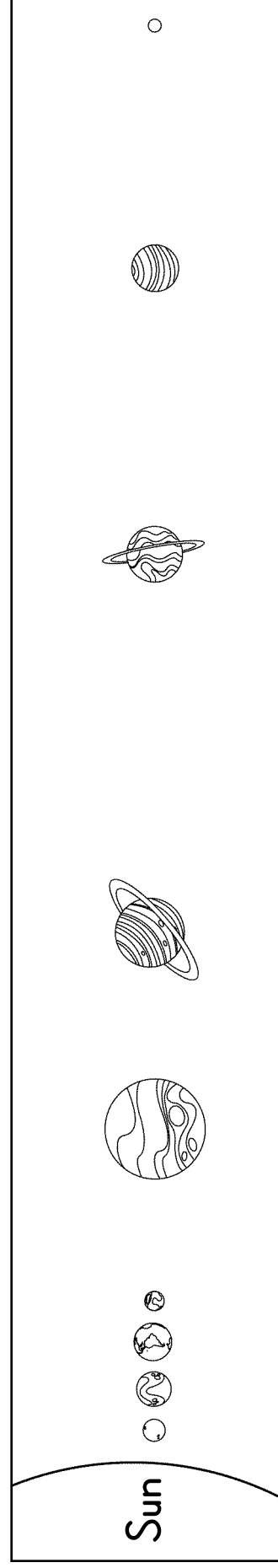
Name _____

Answer the questions using the picture below.

Use your Solar System Fact File to figure out the names of the planets.

1. Which four planets are closest together? _____

2. Which planet is the biggest? _____
3. Which two planets have rings? _____
4. Circle Earth.
5. Which planet is farthest from the Sun? _____



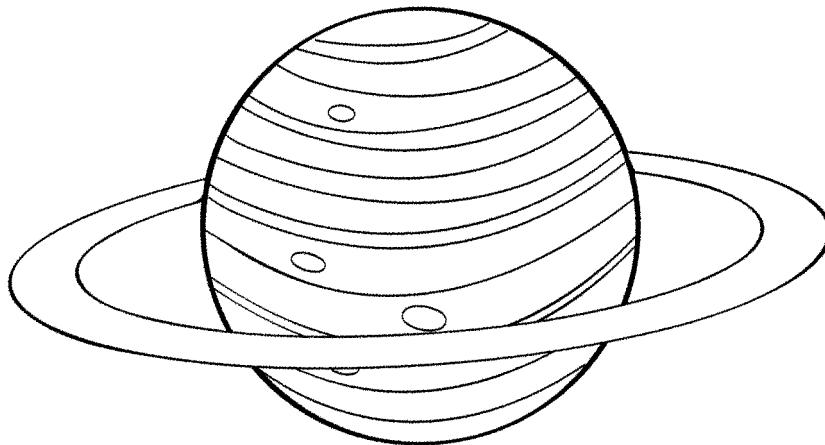
Name _____

Write the planets from the list in the correct columns.

(Hint: You will not fill all the blanks in each column.)

Mercury	Venus	Earth	Mars	Jupiter
Saturn	Uranus	Neptune	Pluto	

is rocky	is gas	supports life	has rings	has 0 moons
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____



Name _____

Choose a space object from the list to complete the sentences below.

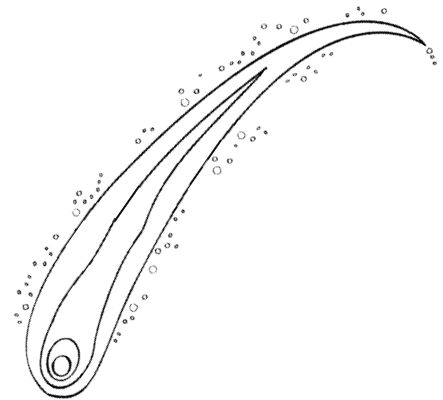
meteor planet Sun comet galaxy

1. I am made of rock or gas and orbit the sun.

I am a planet.

2. I am a medium-sized star.

I am the _____.



3. I burn up in the sky, leaving a bright trail of light.

I am a _____.

4. I am made up of billions of stars and have spiral arms.

I am a _____.

5. Long ago people thought I was bad luck. I have a very long tail.

I am a _____.

Name _____

Circle the correct answers.

Use your Asteroids Fact File.

1. Most asteroids orbit

Mars and Jupiter

the Sun

2. Many asteroids are in an asteroid belt that is
between the planets

Mars and Jupiter

Mars and Earth

3. An asteroid might have caused

the dinosaurs to go extinct

the oceans to form

4. The first asteroid to be discovered was

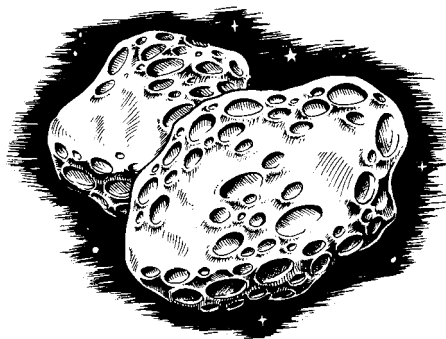
Ida

Ceres

5. The asteroid Ida has a moon named

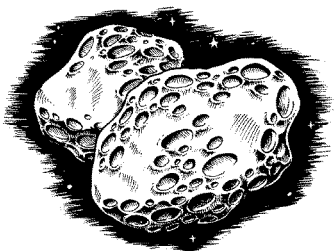
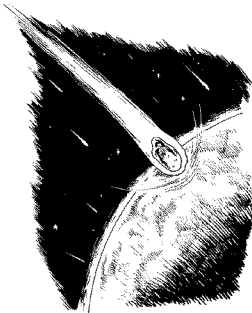
Atens

Dactyl



Name _____

Draw a line from each space object to its identifying fact.



the only planet
with liquid water

can be as small
as dust

has a long tail of
dust and gases

found in a belt
between Mars
and Jupiter

has a hurricane
called the Great
Red Spot

orbits the Earth