

Moon

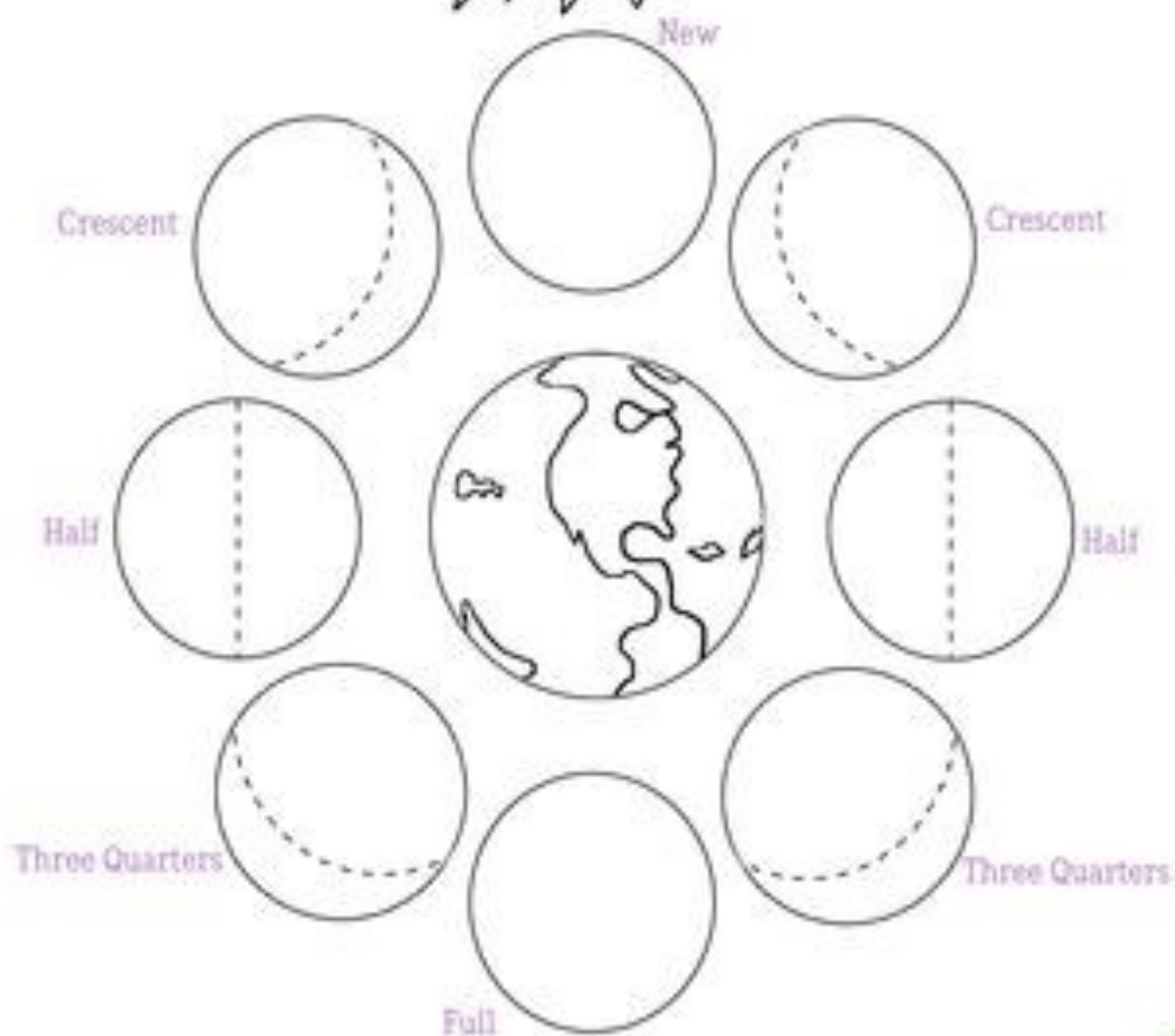
Blank handwriting lines for practice.

# Learning The Moon's Phases

Did you know that the moon is different every night? It grows from a thin crescent to full moon then shrinks back to a crescent every month! That's because the moon rotates around the Earth, and the sun's light gets reflected off of the moon at different angles.



There are eight phases of the moon, labeled below. In the empty circles, draw how the moon looks in that phase. Then color in the sun and Earth!



Name: \_\_\_\_\_

# The Moon Word Search



- |           |            |           |
|-----------|------------|-----------|
| FAR SIDE  | EARTHSHINE | CRATERS   |
| NEAR SIDE | MARIA      | ECLIPSE   |
| WANING    | CRESCENT   | SUPERMOON |
| LUNAR     | SYZYG      | MICROMOON |
| GIBBOUS   | WAXING     | PERIGEE   |





Name: \_\_\_\_\_

## Jupiter

**Directions:** Study about Jupiter and complete the information.

Jupiter is the \_\_\_\_\_ planet in line from the Sun.

Jupiter has \_\_\_\_\_ moons.

Jupiter has \_\_\_\_\_ rings.

Is Jupiter a terrestrial or gaseous planet? \_\_\_\_\_

Have any spacecraft ever visited Jupiter? \_\_\_\_\_

If so, how many? \_\_\_\_\_ Tell about one: \_\_\_\_\_

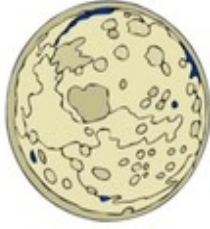
What is the Great Red Spot seen on Jupiter? \_\_\_\_\_

How long is one day on the planet Jupiter? \_\_\_\_\_ Earth hours.

How long is 1 year on the planet Jupiter? \_\_\_\_\_ Earth years.

In which direction does Jupiter spin? \_\_\_\_\_

Do you think humans will ever walk on Jupiter? \_\_\_\_\_



Name: \_\_\_\_\_

## Mars

**Directions:** Study about Mars and complete the information.

Mars is the \_\_\_\_\_ planet in line from the Sun.

Mars has \_\_\_\_\_ moons.

Mars has \_\_\_\_\_ rings.

Is Mars a terrestrial or gaseous planet? \_\_\_\_\_

Have any spacecraft ever visited Mars? \_\_\_\_\_

If so, how many? \_\_\_\_\_ Tell about one: \_\_\_\_\_

What is the average daily temperature on Mars? \_\_\_\_\_

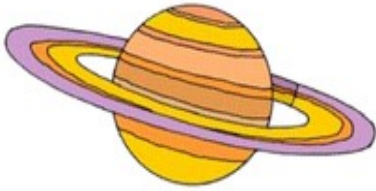
What is the average nightly temperature on Mars? \_\_\_\_\_

How long is one day on the planet Mars? \_\_\_\_\_ Earth days.

How long is 1 year on the planet Mars? \_\_\_\_\_ Earth days.

In which direction does Mars spin? \_\_\_\_\_

Do you think humans will ever walk on Mars? \_\_\_\_\_



Name: \_\_\_\_\_

## Saturn

**Directions:** Study about Saturn and complete the information.

Saturn is the \_\_\_\_\_ planet in line from the Sun.

Saturn has \_\_\_\_\_ moons.

Saturn has \_\_\_\_\_ rings.

Is Saturn a terrestrial or gaseous planet? \_\_\_\_\_

Have any spacecraft ever visited Saturn? \_\_\_\_\_

If so, how many? \_\_\_\_\_ Tell about one: \_\_\_\_\_

What gases primarily make up Saturn's atmosphere?  
\_\_\_\_\_

How long is one day on the planet Saturn? \_\_\_\_\_ Earth hours.

How long is 1 year on the planet Saturn? \_\_\_\_\_ Earth years.

In which direction does Saturn spin? \_\_\_\_\_

Do you think humans will ever walk on Saturn? \_\_\_\_\_



Name: \_\_\_\_\_

## Uranus

**Directions:** Study about Uranus and complete the information.

Uranus is the \_\_\_\_\_ planet in line from the Sun.

Uranus has \_\_\_\_\_ moons.

Uranus has \_\_\_\_\_ rings.

Is Uranus a terrestrial or gaseous planet? \_\_\_\_\_

Have any spacecraft ever visited Uranus? \_\_\_\_\_

If so, how many? \_\_\_\_\_ Tell about one: \_\_\_\_\_

What gases primarily make up Uranus's atmosphere?  
\_\_\_\_\_

How long is one day on the planet Uranus? \_\_\_\_\_ Earth hours.

How long is 1 year on the planet Uranus? \_\_\_\_\_ Earth years.

Who are Uranus's moons named after? \_\_\_\_\_

Do you think humans will ever walk on Uranus? \_\_\_\_\_



Name: \_\_\_\_\_

## Neptune

**Directions:** Study about Neptune and complete the information.

Neptune is the \_\_\_\_\_ planet in line from the Sun.

Neptune has \_\_\_\_\_ moons.

Neptune has \_\_\_\_\_ rings.

Is Neptune a terrestrial or gaseous planet? \_\_\_\_\_

Have any spacecraft ever visited Neptune? \_\_\_\_\_

If so, how many? \_\_\_\_\_ Tell about one: \_\_\_\_\_

What gases primarily make up Neptune's atmosphere?  
\_\_\_\_\_

How long is 1 day on the planet Neptune? \_\_\_\_\_ Earth hours.

How long is 1 year on the planet Neptune? \_\_\_\_\_ Earth years.

Who are Neptune's moons named after? \_\_\_\_\_

Do you think humans will ever walk on Neptune? \_\_\_\_\_



Name: .....

# SOLAR SYSTEM RESEARCH: PLUTO

## DESCRIPTION

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COLOR IT



## 3 INTERESTING FACTS I LEARNED

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

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

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