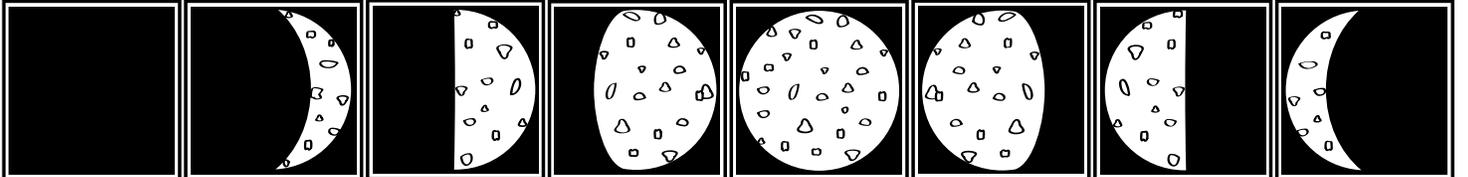


Name: \_\_\_\_\_

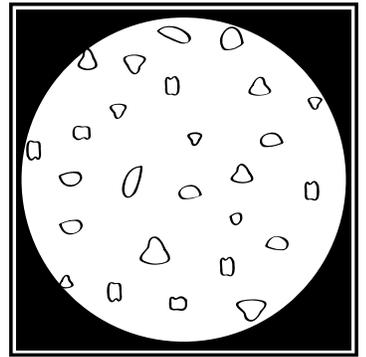
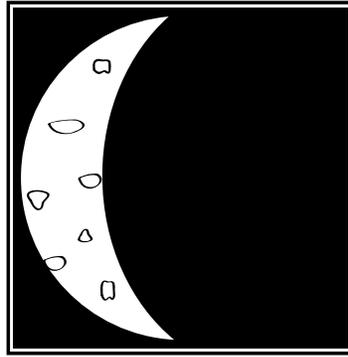
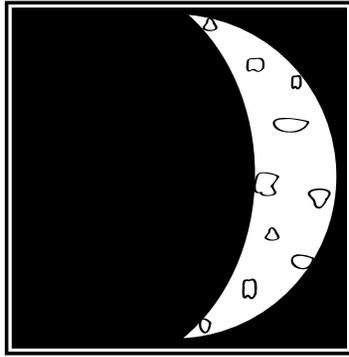
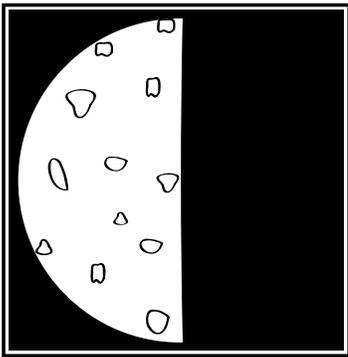
# Name the Moon Phase

## Moon Phases



New Moon   Waxing Crescent   First Quarter   Waxing Gibbous   Full Moon   Waning Gibbous   Last Quarter   Waning Crescent

Fill in the correct Moon phase for each picture below.

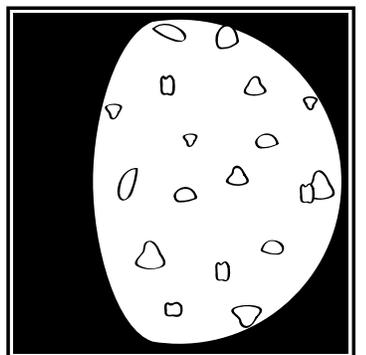
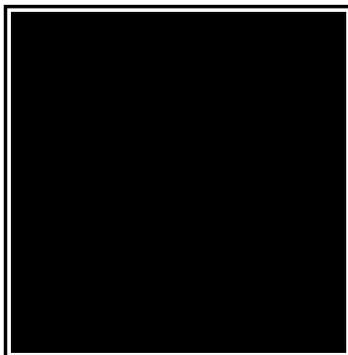
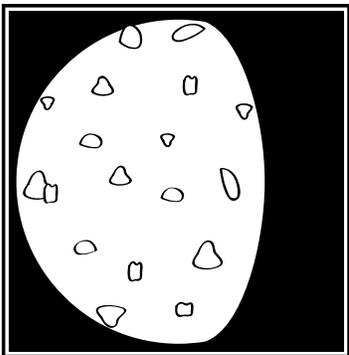
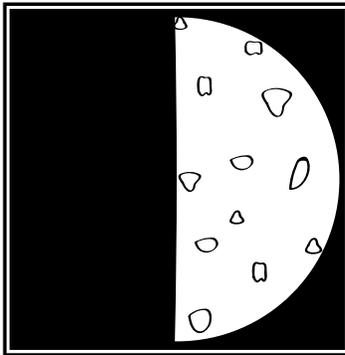


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Name: \_\_\_\_\_

# Name the Moon Phase

## Moon Phases

**NEW MOON**

**WAXING CRESCENT**

**FIRST QUARTER**

**WAXING GIBBOUS**

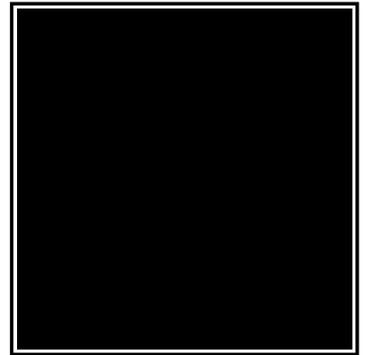
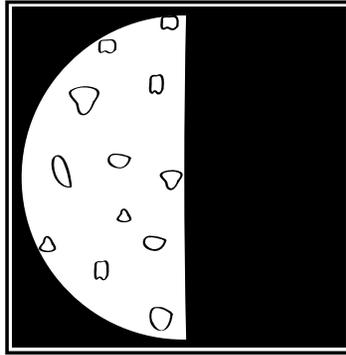
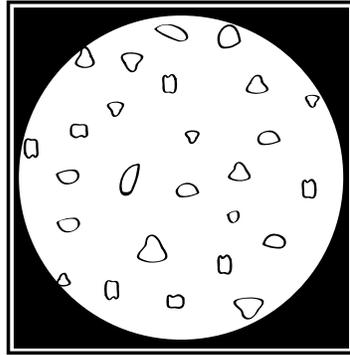
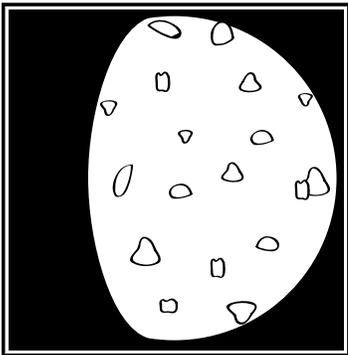
**FULL MOON**

**WANING GIBBOUS**

**LAST QUARTER**

**WANING CRESCENT**

Fill in the correct Moon phase for each picture below.

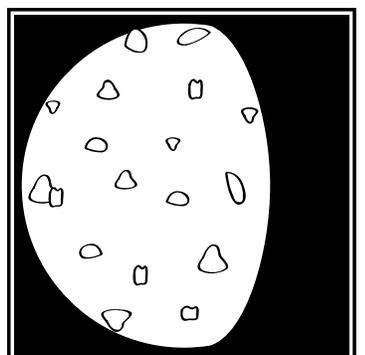
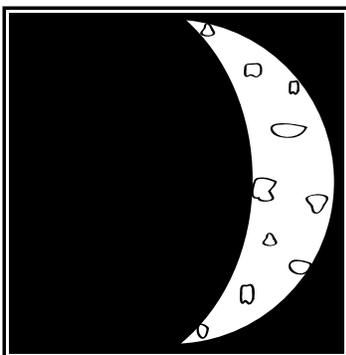
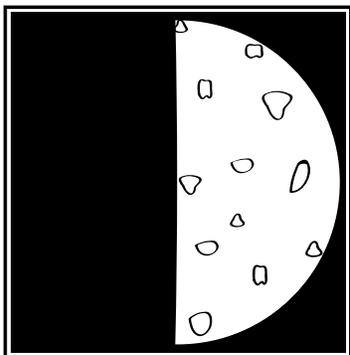
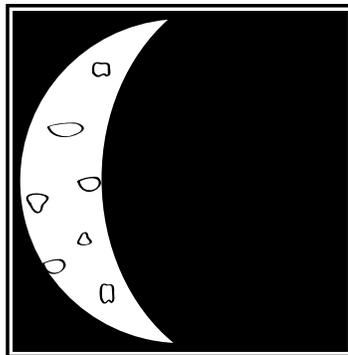


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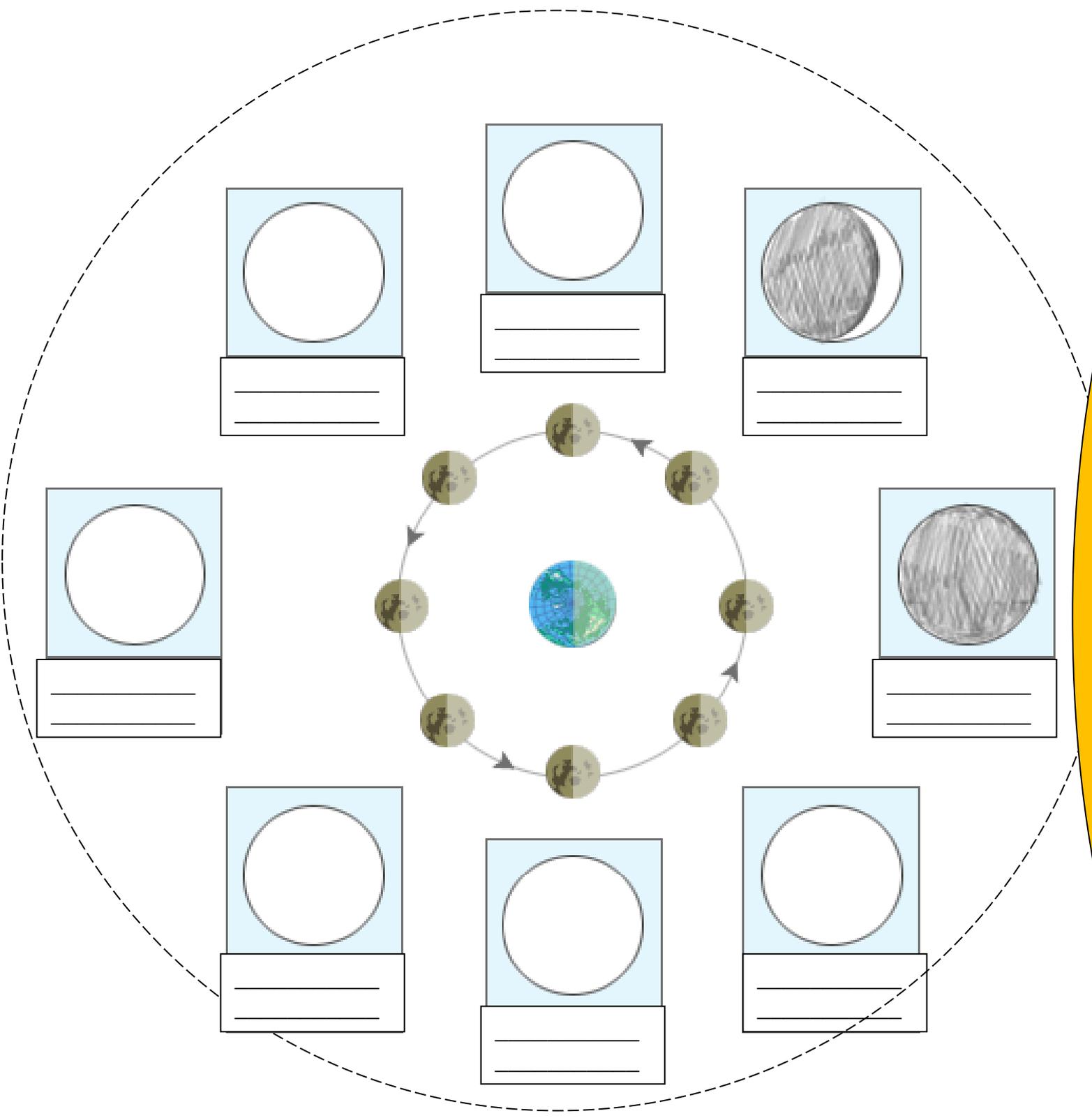
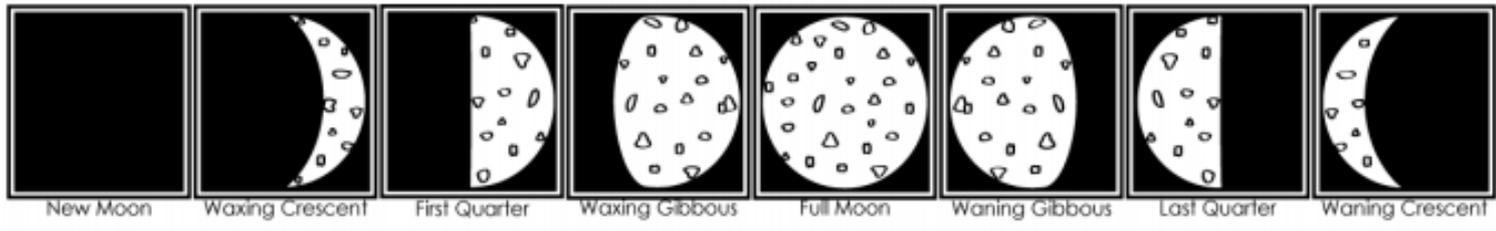
\_\_\_\_\_

\_\_\_\_\_

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

Directions: Color the moon phase and label it. Then cut out the circles to make a moon spinner!

# Moon Phases





Name \_\_\_\_\_

## MOON MYTHS VS. REALITIES

Is the Moon made of cheese? Is there really a man in the Moon? No! These are just Moon myths, or imaginary stories and beliefs about the Moon. Reality is something that is an actual fact, such as: *The Moon orbits the Earth* and *The Moon is the Earth's nearest neighbor in space*. Some facts about the Moon sound like myths but they're really true. Other ideas about the Moon are not at all true, but it is difficult to convince people to think differently. In this activity you will decide if a Moon statement is true (reality) or false (myth).

### HERE'S YOUR MISSION:

See if you can tell the difference between a Moon myth and reality. Read each statement below and decide if it is true or false. Write the statements in the chart under the headings you decide. Then turn the page upside down and read the short passage to check your work.

- The Moon is made of cheese.
- There is no water on the Moon.
- The Moon is located millions of miles from the Earth.
- The Moon is the Earth's nearest neighbor in space.
- Australia is wider than the Moon.
- The Moon has a dark side.
- It takes the Moon 29 days to complete its orbit.
- People don't feel a gravitational pull when on the Moon.
- The Moon has a tail.
- The Moon turns blue during the Blue Moon phase.

MYTH	REALITY

Put down the crackers because the Moon isn't made of cheese! It's made of dust and many types of rocks, especially those that formed after volcanoes erupted on the Moon. It's also a fact that there isn't any water on the Moon.

If you dream of becoming an astronaut but don't like long rides, don't worry, a trip to the Moon is not that far—between 227,000 and 254,000 miles away. (A road trip from New York to California is only about 3,000 miles!) The Moon is our closest neighbor. It's also about 2,161 miles wide—almost as wide as Australia at its widest points.

The Moon doesn't really have a "dark side" but one side of the Moon is never seen from Earth. That's because the Moon takes about 27 days to orbit the Earth, and about the same amount of time to spin once on its axis. The side of the Moon we do not see gets just as much sunlight on it as the side we do see.

The Moon does exert gravity on people and things, just not as much as the Earth does. On the Moon, people and things weigh about one-sixth of their weight on Earth. (One-sixth is much less than one-half.) That's why astronauts seem to "float" on the surface of the Moon.

Astronomers have seen a "tail" that streams from the Moon, although it can't be seen without a telescope. It is actually a 15,000-mile, glowing trail of sodium gases that is orange in color. Speaking of color, when two full moons occur in a single month, the second full moon is called a "Blue Moon." The Moon doesn't turn blue during the Blue Moon phase. However, "once in a blue Moon" (every two or three years) the Moon will have a bluish color during this phase.