



“Faces” of the Moon

Grade 4 Science

Name: _____

Date: _____

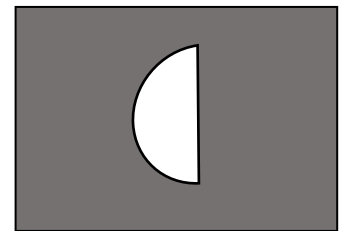
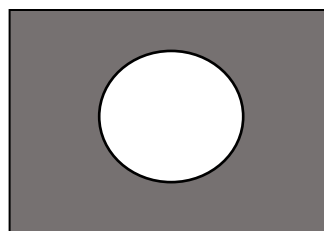
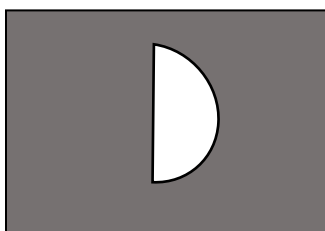
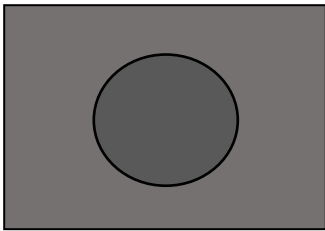
Activity 1: Sister Lancaster loves to watch the moon each night. She has drawn all the shapes she has seen this month in her journal.

Day 1

Day 7

Day 14

Day 21



Fill in the blanks with the correct words from the Word Box below.

Third Quarter	Waning	Full Moon
Waxing	First Quarter	New Moon

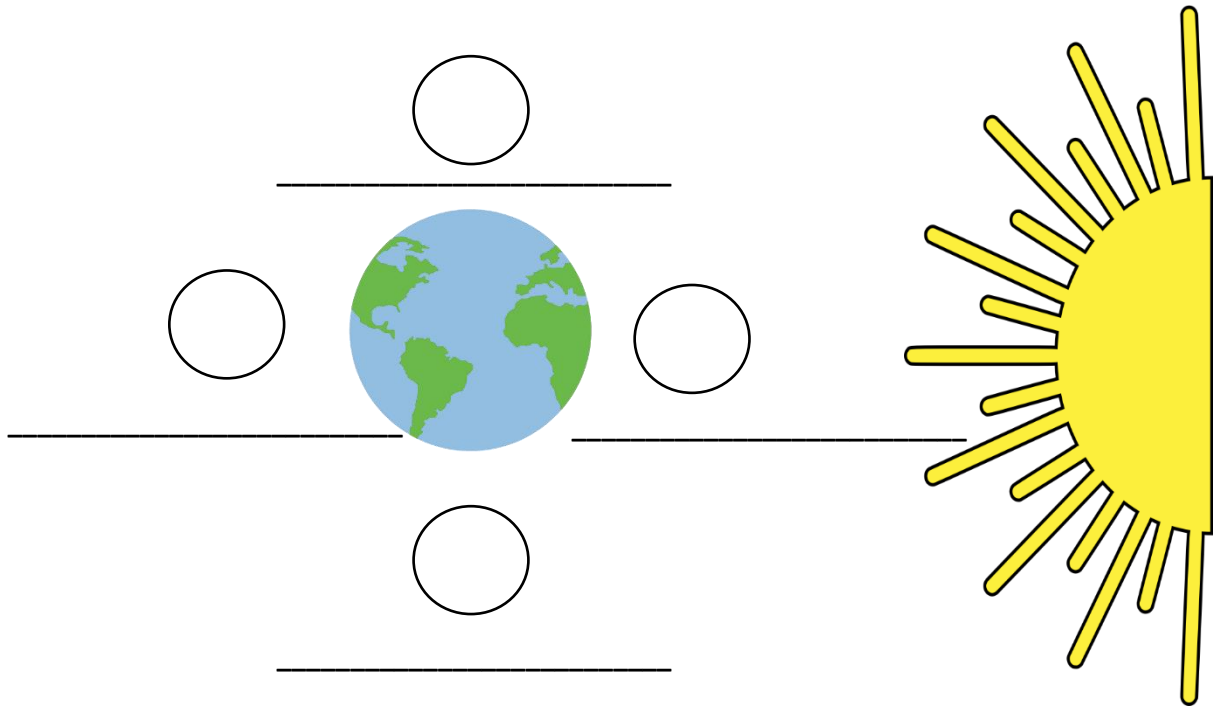
On Day 1, Sister Lancaster could not see the moon. The moon was in the _____ phase. On Day 7, Sister Lancaster could see one half of the moon. The light of the moon was on the right side. The moon was in the _____ phase. On Day 14, Sister Lancaster could see an entire circle of brightness. The moon was in the _____ phase. On Day 21, Sister Lancaster could see only one half of the moon. This time, the light of the moon was on the left side. The moon was in the _____ phase. The light of the moon grew from Day 1 to Day 14. We call this _____. The light of the moon got smaller from Day 14 to Day 21. We call this _____.

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Activity 2: Help Sister Lancaster determine the positions of the Earth, Sun, and Moon during different moon phases.

Label the moon phases on the picture below.



Activity 3: Sister Lancaster wonders why it gets dark at night.

Using the words axis, Earth, sun, and light, explain why it is dark at night.

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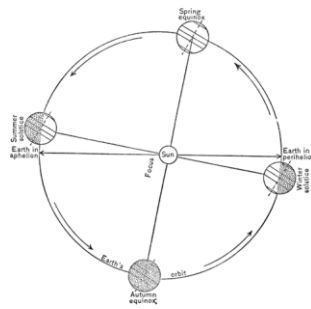
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Activity 4: There was a time when people did not know about the Solar system. By the 1800s in Salem, they knew most of what you now know. Choose the best answer for each multiple-choice question.

1. What is the center of our Solar system?

- a. Earth
- b. The moon
- c. You
- d. The sun
- e. Asteroids

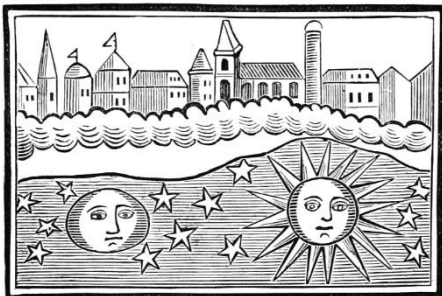


2. How long does it take the Earth to rotate once on its axis?

- a. One hour
- b. One season
- c. One year
- d. 24 hours
- e. 7 years

3. What would you find on the surface of the moon?

- a. Forests
- b. Craters
- c. Oceans
- d. Blue cheese
- e. Glaciers



4. How long does it take to Earth to orbit the sun?

- a. It does not orbit the sun
- b. One hour
- c. One day
- d. One year
- e. One season