

## First Grade “Astronomy: Introduction to the Solar System” Assessment

- 1a. Who was the first person to walk on the moon?  
a. Sally Ride  
b. Neil Armstrong
- 1b. Who was the first person to walk on the moon?  
a. Sally Ride  
b. Ben Franklin  
c. Neil Armstrong  
d. George Washington
- 1c. Name the first person to walk on the moon: \_\_\_\_\_
- 2a. What does the Sun give to us?  
a. rocks  
b. heat and light
- 2b. What does the Sun give to us?  
a. rocks  
b. oceans  
c. electricity  
d. heat and light
- 2c. Name two things the Sun gives to us:  
1. \_\_\_\_\_  
2. \_\_\_\_\_
- 3a. The moon orbits the \_\_\_\_\_.  
a. Earth  
b. Sun
- 3b. The \_\_\_\_\_ orbits the Earth.  
a. Sun  
b. moon  
c. solar system  
d. stars
- 3c. The \_\_\_\_\_ orbits the Earth.
- 4a. When we can see the whole circle of the moon, it is called a \_\_\_\_\_.  
a. crescent moon  
b. full moon

- 4b. When we can see the whole circle of the moon, it is called a \_\_\_\_\_.
- a. crescent moon
  - b. new moon
  - c. full moon

4c. Draw a full moon.

- 5a. Which is a crescent moon?



- 5b. Which is a crescent moon?



5c. Draw a crescent moon.

- 6a. What is the moon?
- a. a round ball of rock
  - b. a ball of hot gas and fire

- 6b. What is the moon?  
a. a ball of hot gas and fire  
b. a comet  
c. a round ball of rock  
d. a planet

6c. What is the moon?

---

---

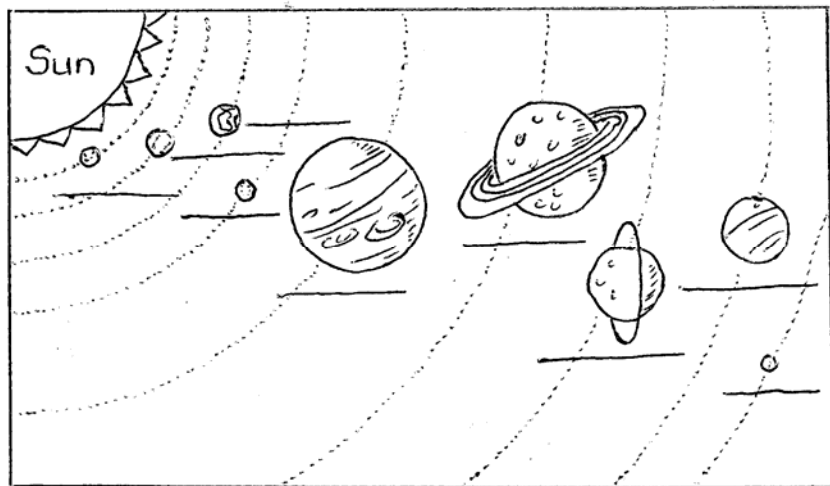
- 7a. The \_\_\_\_\_ is made up of the Sun and the planets that go around it.  
a. eclipse  
b. solar system

- 7b. The \_\_\_\_\_ is made up of the Sun and the planets that go around it.  
a. eclipse  
b. stars  
c. solar system  
d. constellation

7c. The \_\_\_\_\_ is made up of the Sun and the planets that go around it.

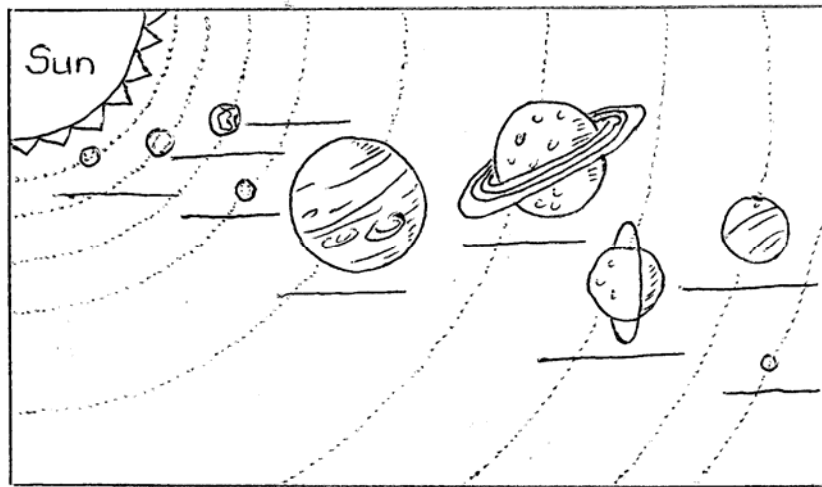
8a. Write the correct number beside each planet.

- |            |            |            |           |
|------------|------------|------------|-----------|
| 1. Saturn  | 2. Pluto   | 3. Mercury | 4. Earth  |
| 5. Neptune | 6. Jupiter | 7. Venus   | 8. Uranus |
| 9. Mars    |            |            |           |

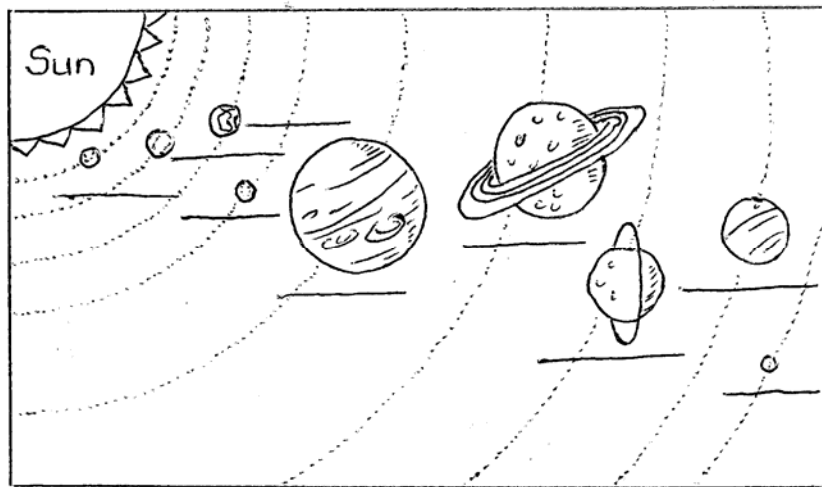


8b. Write the correct name beside each planet.

Saturn	Pluto	Mercury	Earth	Neptune
Jupiter	Venus	Uranus	Mars	



8c. Label each planet correctly with its name:



9a. What is the Sun?

- a. our nearest star
- b. a planet

9b. What is the Sun?

- a. a star
- b. a planet
- c. a constellation
- d. a galaxy

9c. The Sun is our nearest \_\_\_\_\_.

10a. Stars that seem to make a dot-to-dot picture in the sky are called a \_\_\_\_\_.

- a. solar system
- b. constellation

- 10b. Stars that seem to make a dot-to-dot picture in the sky are called a \_\_\_\_\_.
- a. constellation
  - b. nebula
  - c. solar system
  - d. constellation

10c. Stars that seem to make a dot-to-dot picture in the sky are called a \_\_\_\_\_.

11a. What is the name for the picture these stars make?



- a. The Scorpion
- b. The Big Dipper

11b. What is the name for the picture these stars make?



- a. The Scorpion
- b. The Big Dipper
- c. The Fox
- d. The Ladder

11c. What is the name for the picture these stars make?



---

12a. Which is the center of the solar system?

- a. The Sun
- b. The Earth

- 12b. Which is the center of the solar system?  
a. Saturn  
b. Earth  
c. The Sun  
d. Venus
- 12c. What is the center of the solar system?  
\_\_\_\_\_
- 13a. How long does it take the Earth to spin around one time?  
a. 36 hours  
b. 24 hours
- 13b. How long does it take the Earth to spin around one time?  
a. 24 hours  
b. 36 hours  
c. 48 hours  
d. two years
- 13c. How long does it take the Earth to spin around one time?  
\_\_\_\_\_ hours or \_\_\_\_\_
- 14a. The Earth orbits \_\_\_\_\_.  
a. the Sun  
b. the moon
- 14b. The Earth orbits \_\_\_\_\_.  
a. the moon  
b. the Sun  
c. the solar system  
d. Pluto
- 14c. The Earth orbits around the \_\_\_\_\_.
- 15a. What causes sunset and sunrise?  
a. the movement of the Sun  
b. the movement of the Earth
- 15b. What causes sunset and sunrise?  
a. the movement of the Sun  
b. the movement of the clouds  
c. the movement of the Earth  
d. the movement of the moon

15c. What causes sunset and sunrise?

---

---

---

16a. How long does it take the Earth to make one complete orbit?

- a. two years
- b. one year

16b. How long does it take the Earth to make one complete orbit?

- a. one year
- b. two years
- c. one month
- d. two months

16c. How long does it take the Earth to make one complete orbit?

---

17a. What did Copernicus learn about the solar system?

- a. the Earth orbits the Sun
- b. the Sun orbits the Earth

17b. What did Copernicus learn about the solar system?

- a. The Sun orbits the Earth
- b. The Earth orbits the Sun
- c. The stars orbit the Earth
- d. The Earth orbits the moon

17c. What did Copernicus learn about the solar system?

---

---

18a. When it is daytime here , what is it on the other side of the Earth?

- a. daytime
- b. nighttime

18b. When it is daytime here, what is it on the other side of the Earth?

- a. daytime
- b. next week
- c. last week
- d. nighttime

18c. When it is daytime here, what is it on the other side of the Earth?

---

---

The following Colorado Model Content Standards are addressed in this assessment by the questions indicated:

Questions 2a, 2b, 2c: 1.4.G Know that the sun provides light

## Answer Key

- 1a. b. Neil Armstrong  
1b. c. Neil Armstrong  
1c. Neil Armstrong

- 2a. b. heat and light  
2b. d. heat and light  
2c. Acceptable answers could include two of the following:  
-energy  
-heat  
-light

- 3a. a. Earth  
3b. b. Moon  
3c. Moon

- 4a. b. full moon  
4b. c. full moon  
4c. student should draw a full circle to represent the full moon, such as:



5a. b.



5b. a.



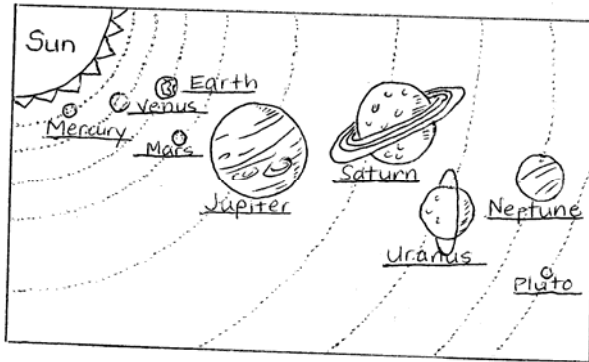
5c.



- 6a. a. a round ball of rock  
6b. c. a round ball of rock  
6c. Acceptable answers could include:  
-The moon is a round rock (that reflects the Sun).

- 7a. b. solar system  
7b. c. solar system  
7c. solar system

8a, 8b, 8c.



9a. a. our nearest star

9b. a. a star

9c. star

10a. b. constellations

10b. d. constellations

10c. constellations

11a. b. The Big Dipper

11b. b. The Big Dipper

11c. The Big Dipper

12a. a. The Sun

12b. c. The Sun

12c. The Sun

13a. b. 24 hours

13b. 24 hours

13c. 24 hours

14a. a. The Sun

14b. b. The Sun

14c. Sun

15a. b. the movement of the Earth

15b. c. the movement of the Earth

15c. Acceptable answers could include:

-The earth turns toward the sun and then away from the sun, creating sunrise and sunset.

16a. b. one year

16b. a. one year

16c. Acceptable answers could include:

-one year or 365 days

- 17a. a. the Earth orbits the Sun
- 17b. b. the Earth orbits the Sun
- 17c. The Earth and planets orbit around the Sun.

- 18a. b. nighttime
- 18b. d. nighttime
- 18c. night