

Date: _____

Chapter 9, Lesson A: The Solar System (9.A.1)

1. Which of these are planets in the Solar System?

Circle the **four** correct answers.

asteroids

comets

Earth

Moon

Neptune

Saturn

Sun

Venus

2. Complete the sentences about the Solar System.

Choose from the following words.

bright	Earth	ice	Jupiter	larger	Venus
Mars	planets	rocky	smaller	stars	Sun

a. The Sun is at the centre of the Solar System.

b. The eight planets move around it.

c. Asteroids and comets are smaller than the planets.

d. Asteroids are small, rocky objects. They are mostly found in the asteroid belt between Mars and Jupiter.

e. Comets are made up of ice, dust and rock. As comets get closer to the Sun, they form bright tails.

3. Which of these sentences is/are correct?

Tick (✓) the correct box beside each sentence.

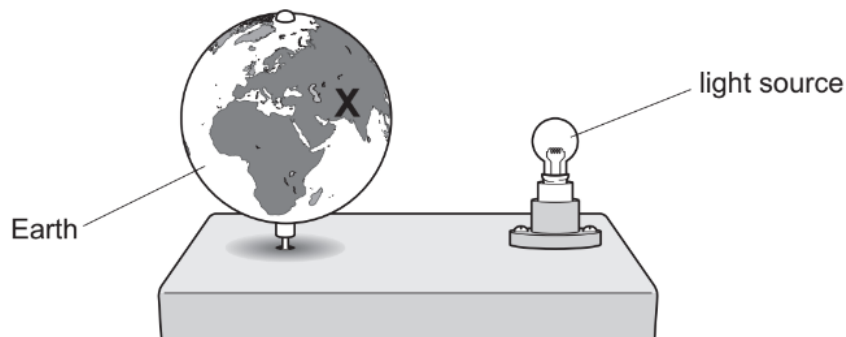
	True	False
a. A galaxy is a huge group of stars.	✓	
b. The Milky Way is the only galaxy in the universe.		✓
c. The Solar System is part of galaxy called the Milky Way.	✓	

4. The Solar System is a planetary system.

What is a planetary system made up of?

A planetary system is made up of a star (the Sun) and objects such as planets, asteroids and comets that move around the Sun.

5. Anna has a model of the earth.



- What does the light source in this model represent? the Sun

- Will the area marked X have daytime or nighttime? day-time

6. The table shows the distances of different planets from the Sun.

Planet	Distance from the Sun (millions of km)
Earth	150
Jupiter	779
Mars	228
Mercury	58
Neptune	4515
Saturn	1432
Uranus	2867
Venus	108

- a. Which planet is the closest to the Sun? Mercury
- b. Which planet is furthest away from the Sun? Neptune
- c. Arrange the planets in order of their distances from the Sun.
Begin with the planet nearest to the Sun.

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Venus	108
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Mars	228
Jupiter	779
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