

Our solar system

Answer key students book page 77

Q1:

- a) A collection of planets orbiting a star.
- b) Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune.
- c) **1-** The outer planets have many more moons than the inner planets. The outer planets have rings and the inner planets don't.
2- The inner planets are rocky, outer planets are mainly gas and ice.

Q2: A spinning cloud of gas and dust came together under the force of gravity. The Sun formed at the center and then planets formed.

Q3: The planets would be pulled inwards and might crash into the Sun.