



Subject: Grade 6 Natural Sciences

Topic: Solar system

Total: 36 Marks

1. Asteroid | Asteroids

3 marks

Explanation:

The asteroid belt found between Mars and Jupiter is made up of thousands of lumps of rock which orbit around the Sun in a narrow ring.

2. C: sun

4 marks

Explanation:

The moon reflects light from the sun. The Moon is extremely light coloured, a very light gray, like concrete is here on Earth. Because it is so light coloured, and it has little or no atmosphere to absorb sunlight, and no foliage or water to absorb sunlight, it reflects a tremendous amount of the light that strikes it.

3. D: rock, gases and water

4 marks

Explanation:

The Earth is made up of water and land.

4. revolve | Sun

4 marks

Explanation:

Each planet and asteroid is at a different distance from the Sun. This distance affects the time it takes to move around the Sun.

5. rock | gas

4 marks

Explanation:

Inner planets consist of rock, while outer planets consist of gas.

6. yellow | red | white

6 marks

Explanation:

A dwarf star goes through many stages: it begins as a yellow dwarf star, changes to a red giant star and finally becomes a white dwarf.

7. C: planets

4 marks

Explanation:

Our solar system has eight planets.

8. atmosphere

3 marks

Explanation:

The layer of gases surrounding the earth is known as the atmosphere. The atmosphere absorbs ultraviolet solar radiation and minimises temperature extremes.

9. true

2 marks

Explanation:

Neptune has the least number of satellites (moons) of any of the outer planets.

10. false

2 marks

Explanation:

The sun is much further from the Earth than the moon. The Earth is the third planet from the sun.

Total: 36 Marks