

Data

This data is found within the topics of Unit 1. Students are expected to recall these values for use within the examination if needed.

Diameter of the Earth	13000 km
Diameter of the Moon	3500 km
Diameter of the Sun	1.4 million km
Distance from the Moon to the Earth	380 000 km
Distance from the Sun to the Earth	150 million km
One astronomical unit (AU) is the mean distance between the Earth and Sun	150 million km
Rotation period of the Earth	23 hours 56 minutes
Time for the Earth to rotate through 1 degree	4 minutes
The Moon's rotational period and orbital period	27.3 days
The period of the lunar phase cycle	29.5 days
Temperature of the Sun's photosphere	5800k
Approximate temperature of the corona	2 million K