



Look carefully at the data in the chart to see how the planet Earth and the imaginary planet Rondo are different:

Characteristics of Earth & Rondo:

	Earth	Rondo
Atmospheric Content:		
O ₂ levels	21% O ₂	5% O ₂
CO ₂ levels	0.03% CO ₂	60% CO ₂
N ₂ levels	78% N ₂	10% N ₂
Traces	0.97%	25%
Magnetic Field?	Yes	No
Ozone layer?	Yes	No
Distance from star	148,640,000 km	100,100,000
Rotation	24 hours	230 days
Revolution	365 1/4 days	230 days
Diameter	7,930 miles	7,930 mile
Density	5.50 g/cm ³	2.00 g/cm ³
Axis Tilt	23 1/2 degrees	0 degrees

1. Using the data in the chart, compare the conditions on Earth with those on Rondo. Give examples of how conditions on Rondo would differ from those on Earth.

2. Describe three reasons why it would be difficult for living things from Earth to survive on Rondo. (Only ONE of your reasons should relate to atmospheric content.)