Name and surname: Date: Group:

1.- *Activity*: **Comparision of Mars and Earth**

	Mars	***Earth***
Atmosphere (composition)	Carbon dioxide (95.32%) Nitrogen (2.7%) Argon (1.6%) Oxygen (0.13%) Water vapor (0.03%) Nitric oxide (0.01%)	Nitrogen (77%) Oxygen (21%) Argon (1%) Carbon dioxide (0.038%)
Atmosphere (pressure)	7.5 millibars (average)	1.013 millibars (at sea level)
Gravity	0.375 that of Earth	1
Surface Temperature (average)	-63ºC	14ºC
Satellites	2 (***Phobos*** and ***Deimos***)	1 (***Moon***)
Distance from Sun (average)	227.936.637 km	149.597.891 km
Equatorial Radius	3.397 km	6.378 km
Length of Day	24 hours, 37 minutes	24 hours
Length of Year	687 Earth days	365 days
Deepest Canyon	***Valles Marineris*** 7 km deep	***Grand Canyon*** 1.8 km deep
Largest Volcano	***Olympus Mons*** 26 km high	***Mauna Loa (Hawaii)*** 4 km high

Mars / Earth Comparison Table

Mars is only about one-half the diameter of Earth, but both planets have roughly the same amount of dry land surface area.This is because over two-thirds of Earth's surface is covered by oceans, whreas the present surface of Mars has no liquid water. Mars and Earth are very different planets when it comes to temperature, size, and atmosphere, but geologic processes on the two planets are surprisingly similar.

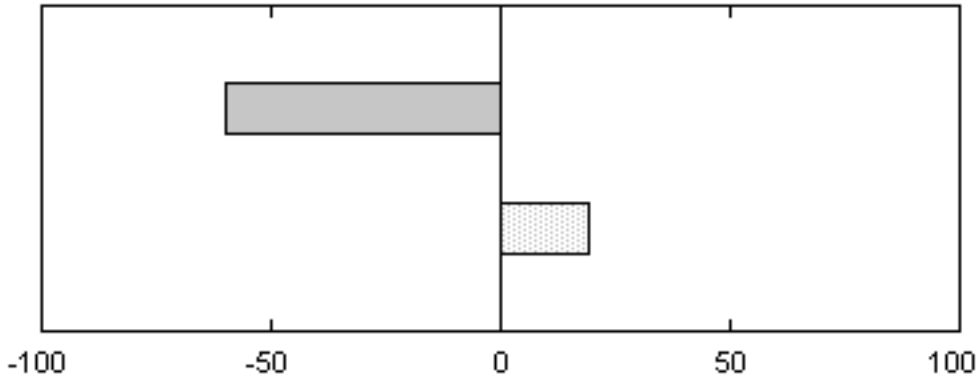
1.1.- Draw two diagrams (graphic bars) to illustrate the composition of the atmosphere of Mars and of Earth.

1.2.- Identify and complete the diagrams of the next sheet.

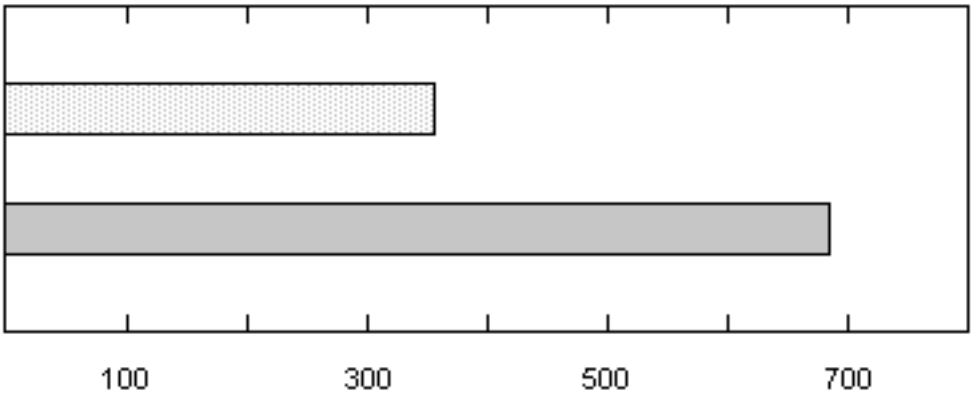
Name and surname: Date: Group:

1.- *Activity*: **Comparision of Mars and Earth**

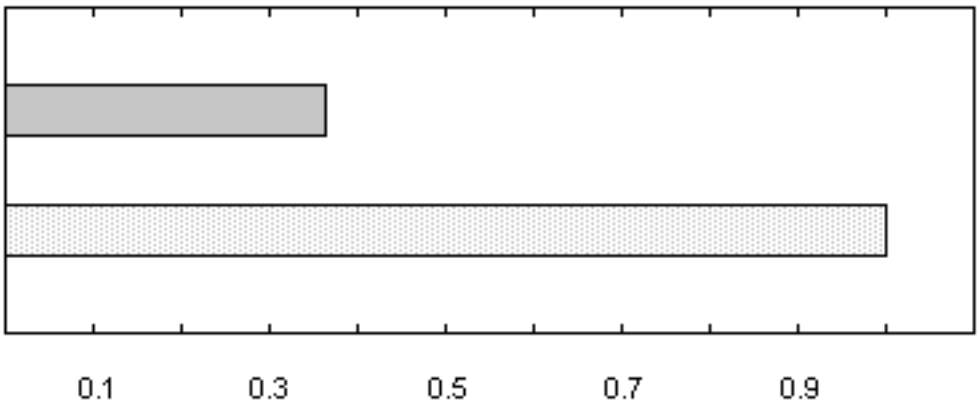
1) title .....



2) title .....

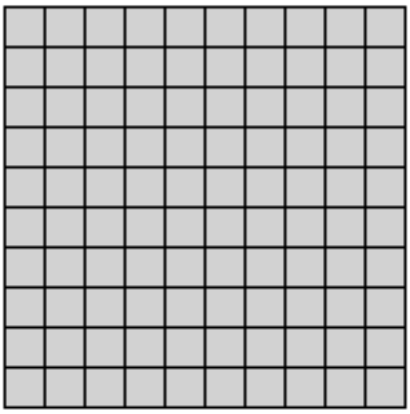


3) title .....

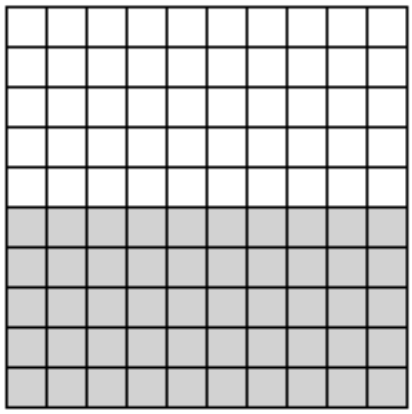


Name and surname: Date: Group:

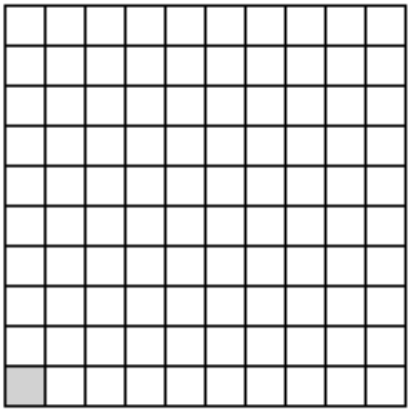
Appendix 1: Help for understanding percentages



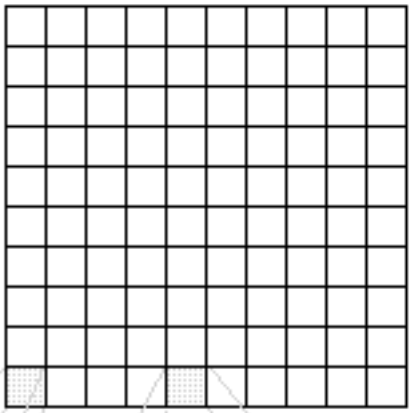
100 sqares of 100 = 100%



50 squares of 100 = 50%

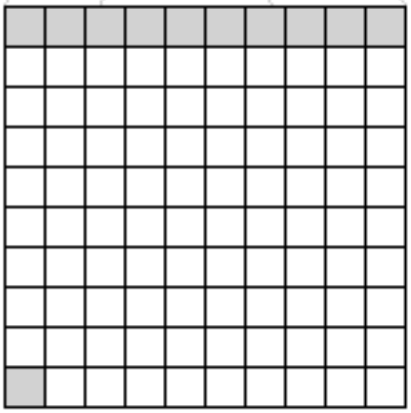


1 square of 100 = 1%



half square of 100 = 0.5%

0.1%



0.01%