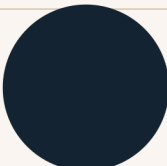


The solar system

Eight planets, ordered outwards from the Sun.
Compare their widths and orbits using two separate scales.

PLANET		DIAMETER / km	ORBIT / million km	
1. Mercury		4,879		57.9
Rocky planet				
2. Venus		12,104		108.2
Rocky planet				
3. Earth		12,756		149.6
Rocky planet				
4. Mars		6,792		228
Rocky planet				
5. Jupiter		142,984		778.5
Gas giant				
6. Saturn		120,536		1,432
Gas giant				
7. Uranus		51,118		2,867
Ice giant				
8. Neptune		49,528		4,515
Ice giant				

Read the scales

All discs share one width scale: equatorial diameter, rings excluded.
All bars share another: average Sun distance (orbital semi-major axis).
Row spacing is schematic. Orbits are elliptical; distances change.
Pluto is a dwarf planet. These discs show sizes, not surface maps.
Data and definitions: nssdc.gsfc.nasa.gov/planetary/factsheet/