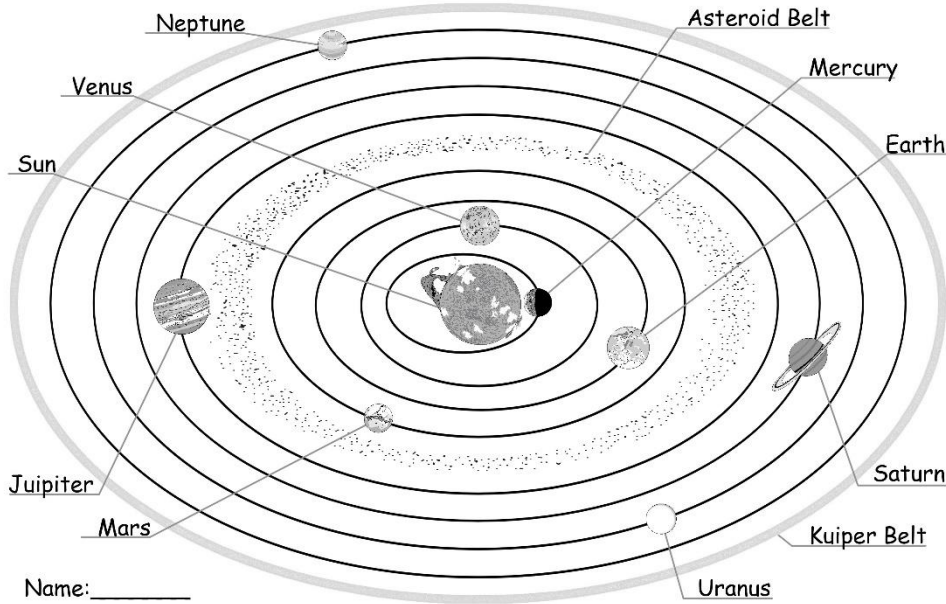


# Our Solar System

Mnemonic to remember the order of the planets:

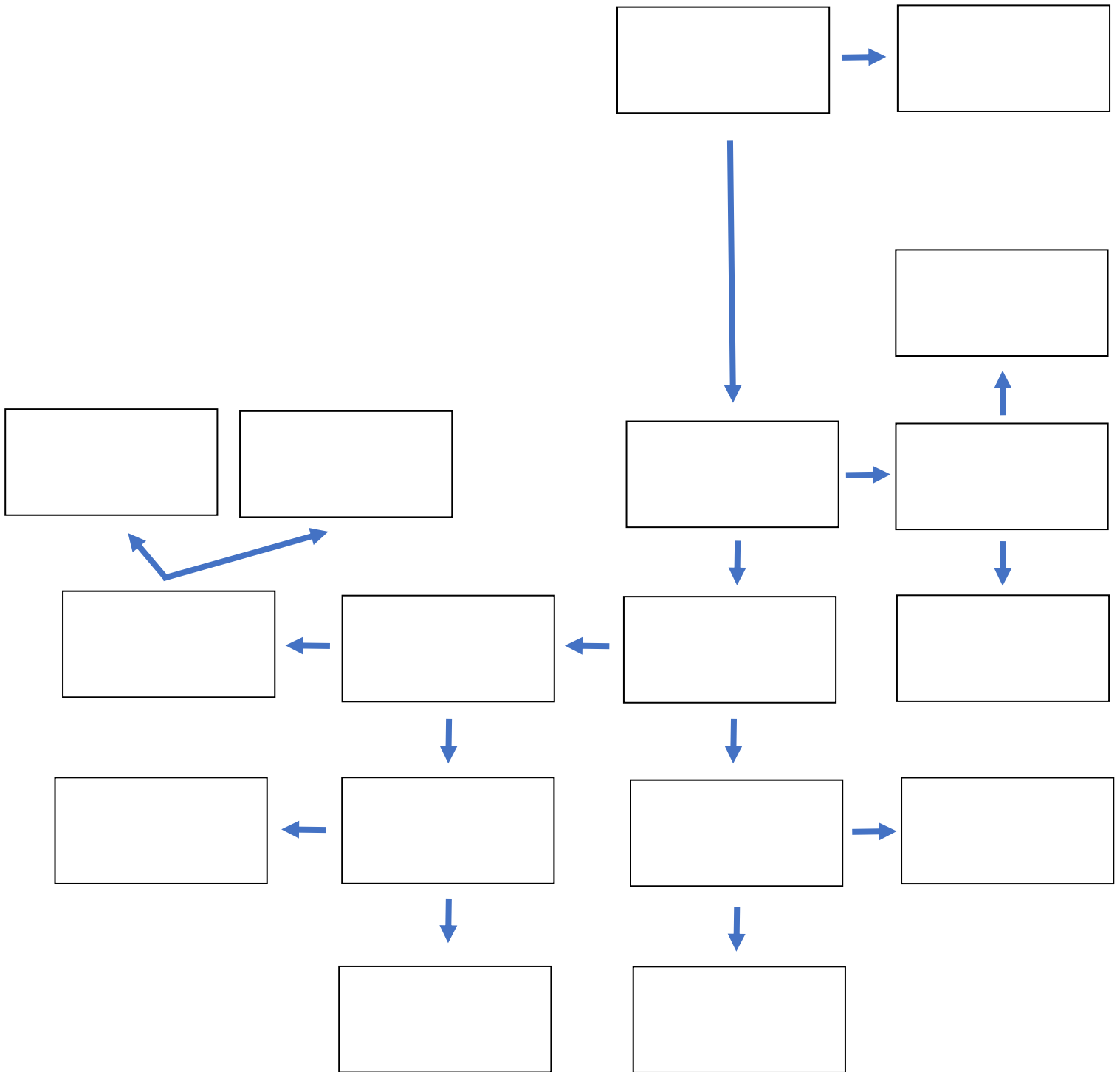


Data for planets in the solar system								
	Mercury	Venus	Earth	Mars	Jupiter	Saturn	Uranus	Neptune
Surface you can walk on?	Yes	Yes	Yes	Yes	No	No	No	No
Ring System?	No	No	No	No	Yes	Yes	Yes	Yes
Diameter (km)	4879	12104	12756	6792	142984	120536	51118	49528
Density (kg/m <sup>3</sup> )	5427	5243	5514	3933	1326	687	1271	1638
Escape Velocity (km/h)	15480	37440	40320	18000	214200	127800	76680	84600
Number of Moons	0	0	1	2	67	62	27	14
Magnetic Field (Earth=1)	0.006	0	1	0	19520	578	48	27
Max Temperature (C)	450	465	58	20	-100	-140	-195	-200
Mass (in trillions of trillions of kg)	0.33	4.87	5.97	0.642	1898	568	86.8	102
Distance from Sun (millions of km)	57.9	108.2	149.6	227.9	778.6	1433.5	2872.5	4495.1
Orbital Period (days)	88	224.7	365.2	687	4331	10747	30589	59800

For the above 2 boxes, choose two other features below of the planets, research the data and compare them.

**Features:** Composition, surface, gravity, Number of rings

# What kind of solar system object is this?



What are the 3 criteria's that define a planet (celestial body)?

- 1.
- 2.
- 3.

What is a dwarf planet?

