

## Comparing objects in the solar system

The Sun contains over 99% of the solar system's mass. In order of size, the next largest objects are the planets (gas giants are bigger than the rocky planets), then dwarf planets, comets, asteroids and moons.

Distances in the solar system are so large it is hard to compare distances in kilometres. The table shows how the distances of the other planets from the Sun compare with the distance from Earth to the Sun. The Earth is 150 million kilometres from the Sun. The table also shows how their masses compare with the Earth's mass.

Planet	Distance from Sun compared to Earth's distance	Mass compared to Earth's mass
Mercury	0.4	0.06
Venus	0.7	0.8
Earth	1.0	1.0
Mars	1.5	0.1
Jupiter	5.2	317.8
Saturn	9.5	95.2
Uranus	19.2	14.5
Neptune	30.1	17.1

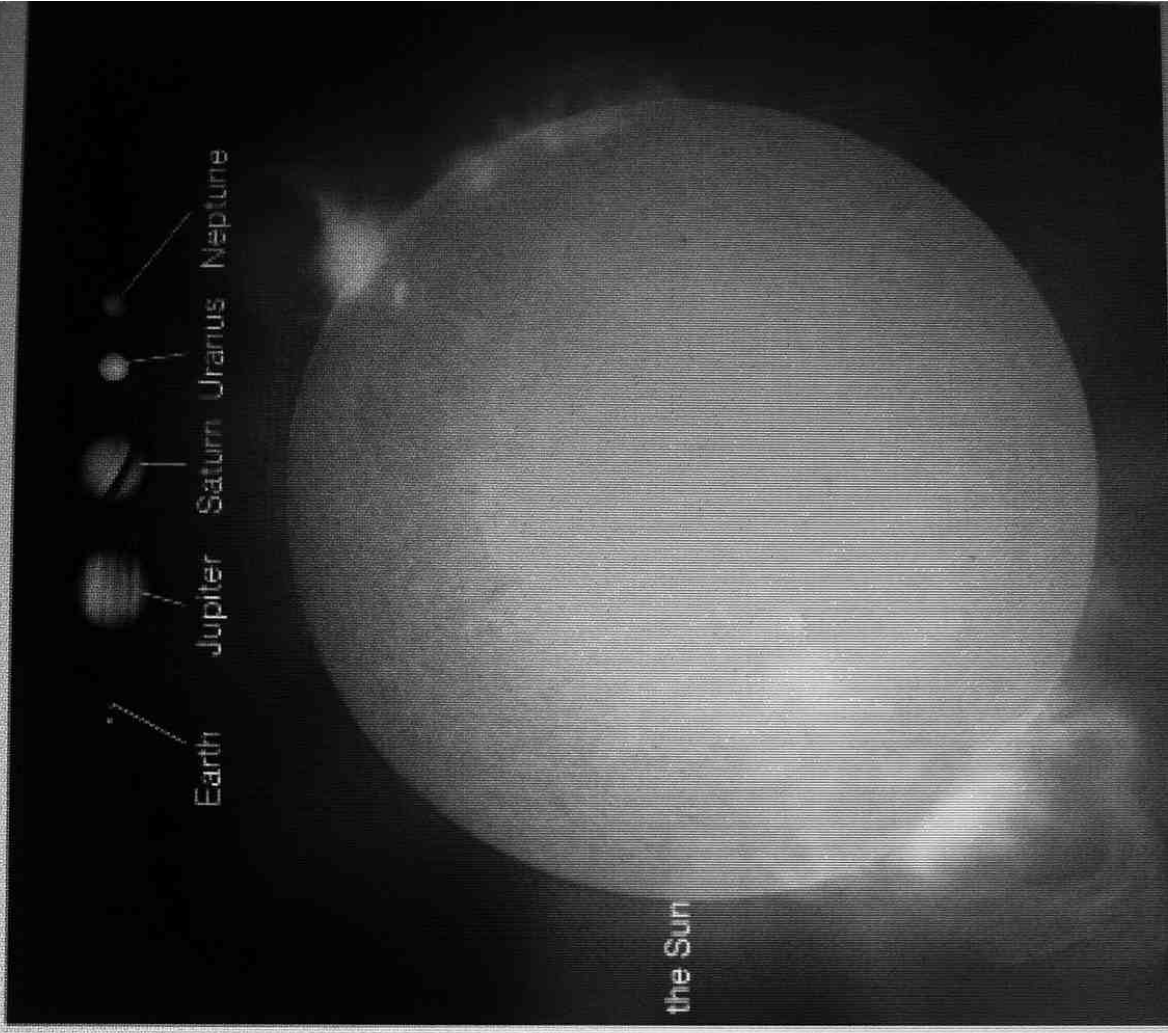


FIGURE 3: This shows how much larger the Sun is than anything else in the solar system.

### Did you know?

The mass of Earth is 6 million billion billion kilograms.

zoom in

zoom out