

HOW BIG IS THE SOLAR SYSTEM?



How big is our Solar System?

Distance from the Sun to each planet

MERCURY - 0.4 AU

VENUS - 0.7 AU

EARTH - 1.0 AU

MARS - 1.5 AU

JUPITER - 5.2 AU

SATURN - 9.6 AU

URANUS - 19.2 AU

NEPTUNE - 30 AU

1 Astronomical Unit (AU) is the distance from the Sun to the Earth (93 million miles)

You'll need

Chalk

Tape measure

An open space

Instructions

First convert the Astronomical Units to something walkable.

Multiply each distance from the Sun by 100cm.

Mark a starting point (this is the Sun) on the ground.

Measure out from the Sun using chalk to mark the location of each planet.

