% planet(Name, DistanceFromSun, Diameter, Moons, HasRings)

planet(mercury, 57.9, 4879, 0, no).

planet(venus, 108.2, 12104, 0, no).

planet(earth, 149.6, 12756, 1, no).

planet(mars, 227.9, 6792, 2, no).

planet(jupiter, 778.3, 142984, 79, yes).

planet(saturn, 1427, 120536, 83, yes).

planet(uranus, 2871, 51118, 27, yes).

planet(neptune, 4495, 49528, 14, yes).

