Name: _____ Pd: _____ Date: _____

Astronomical Unit Practice
Astronomy

Directions: For each of the following, convert the value given to astronomical units (AUs). You may use calculators. (You're probably going to need them.) Use the formula in the notes to help you. Be cautious of the conversions and make sure that the values given in the table are converted metrically, first, before converted to AUs. Be sure to show all steps!

Information given:

Planetary Distances	
Planet	Distance from Sun Gigameters (Gm)
Mercury	58
Venus	108
Earth	150
Mars	228
Asteriod Belt	300-600
Jupiter	778
Saturn	1429
Uranus	2871
Nepune	4503
Kuiper Belt	4500-7500
Pluto	5914
Eris	14 421
Voyager 1	18 978
Voyager 2	15 557

Complete the table using the information above:

Planet/Orbiter	Distance from Sun (Gm)	Distance from Sun (km)	Distance from Sun (AU)	ALL WORK!