

Chapter 27.2 (Pg. 757) Kepler's 3rd LAW

Name _____

Planet	Radius	a^3 (AU)	$= p^2$ (Earth Yrs)	Orbit Period
Mercury		0.06	0.06	0.25
Venus	0.7	0.34	0.34	
Earth		1	1	1
Mars	1.5			1.8
Jupiter	5.2	140.6	140.6	
Saturn		857.4	857.4	29.3
Uranus	19.2	7077.9	7077.9	
Neptune	30.1			
Pluto (Dwarf)				248.3

$a^3 = p^2$
 Average Distance \swarrow
 \searrow Period