HOW BIG ARE THE PLANETS?

Name: _____

Fill in the table by dividing every planet's radius by the Earth's radius and then draw the 8 planets to scale using a compass. **The Earth's radius will be equal to 1 cm (which is a diameter of 2 cm).**

Planet	Radius (km)	Relative Radius Compared to the Earth (cm)
Mercury	2,433	$= \frac{\text{Mercury's radius}}{\text{Earth's radius}} = \frac{2433}{6371} =$
Venus	6,053	$= \frac{\text{Venus's radius}}{\text{Earth's radius}} =$
Earth	6,371	1
Mars	3,380	
Jupiter	69,758	
Saturn	58,219	
Uranus	23,470	
Neptune	22,716	

SCALE: 1: 637.100.000 (Since we've reduced 6.371 km down to 1 cm.)