



## How to draw planets of the solar system to scale

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1. Equipment needed: ruler, circle template, compass, paper (letter + US 14 x 17 in ) or (UK A4 + A3), scissors, pencils or markers
2. Use the circle template for the smallest planets and compass and/or ruler for the bigger planets.
3. Draw eight circles with the rough diameters listed below in metric cms or inches.
4. Add a hand drawn ring to Saturn.
5. Kids cut out and color (colour) in the drawings.

	Radius	Diameter in Cms (appx)	Diameter in Inches (appx)
MERCURY	0.3829 x Earth	0.8	0.4
VENUS	0.9499 x Earth	1.9	0.95
EARTH	1	2	1
MARS	0.5320 x Earth	1	0.5
JUPITER	10.9733 x Earth	22	11
SATURN	9.1402 x Earth	18.2	9.1
URANUS	3.9809 x Earth	8	4
NEPTUNE	3.8647 x Earth	7.7	3.9