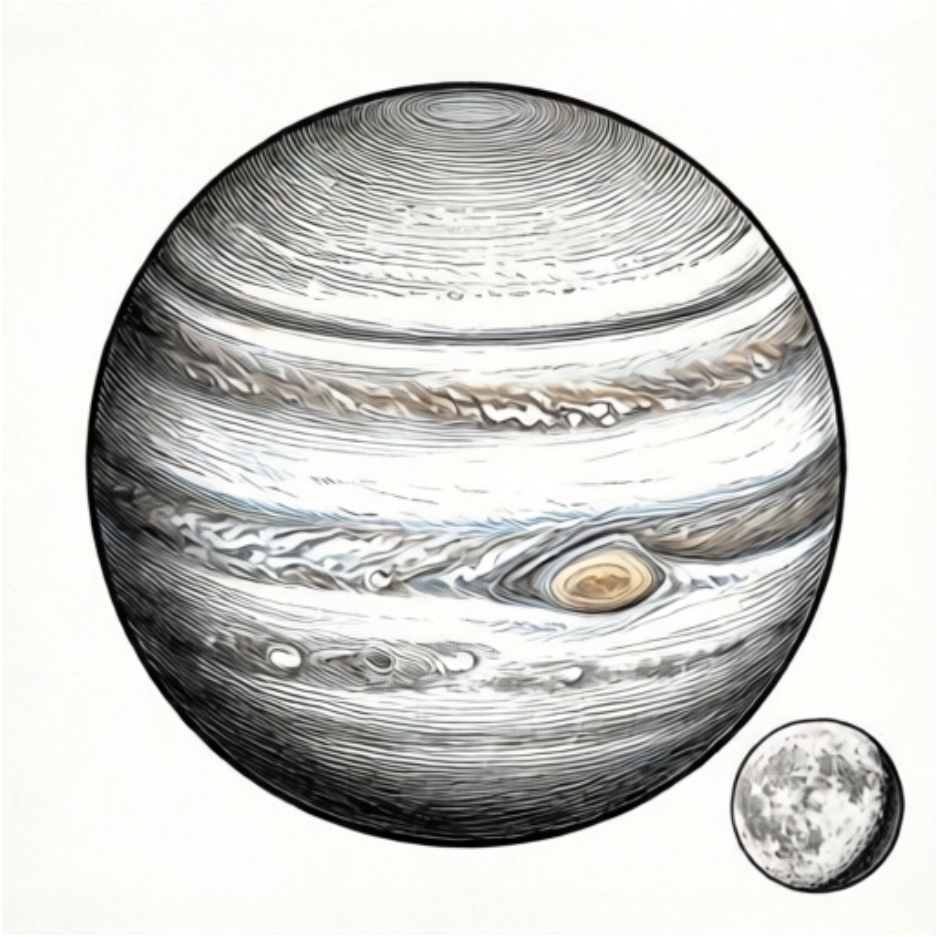
Neptune Drawing Easy: Globe Bands and Moon Placement

Ordinary topic reference / separately checked pixels



Neptune Drawing Easy: Globe Bands and Moon Placement

Original worked example / unchanged complete key

Prompt: Draw Neptune with a globe radius R = 4 cm. Use band boundaries at 0.2R, 0.5R, and 0.8R above and below the equator. Place the moon at 45 degrees clockwise from the top and 1.6R from the center. State the moon radius as 0.2R.

Answer: The globe is a circle of radius 4 cm. The equator is the horizontal midline. Band boundaries are at 0.8 cm, 2.0 cm, and 3.2 cm above and below the equator, drawn as gentle arcs curving toward the poles. The moon center is on a radial line at 45 degrees clockwise from the top, at a distance of 1.6 × 4 = 6.4 cm from the center. The moon radius is 0.2 × 4 = 0.8 cm. The moon sits outside the globe, to the upper right.