Venus Drawing: Crescent Phase and Stylized Cloud Bands

Ordinary topic reference / separately checked pixels



Venus Drawing: Crescent Phase and Stylized Cloud Bands

Original worked example / unchanged complete key

Prompt: Draw a Venus sketch with a crescent phase and two stylized cloud-top bands on a circle of 4 cm radius. Put the curved terminator near the right edge so the narrow lit crescent is on the right, shade the left night side, and add two curved bands on the lit side.

Answer: A completed sketch shows a light 4 cm radius circle, a curved terminator bowing toward the right edge so the narrow illuminated crescent lies between the terminator and the right rim, even shading on the larger left night side, and two soft stylized cloud-top arcs following the circle on the right lit crescent. Construction lines are erased, and the lit crescent reads as narrower than the dark region.

Reason: The boundary lies close to the right rim at the widest part of the disc, leaving only a narrow illuminated strip on that same side. The left side is the larger night region. Each stylized band follows the circular form and stays within the lit area.

Check: Measure the maximum horizontal width of the right lit crescent and confirm it is less than half the 8 cm diameter. Confirm the curved terminator meets the circle at two points, the larger left night side is shaded evenly, and both bands curve with the rim and remain on the lit side.