Octopus Pencil Drawing: Arm Curl and Sucker Construction

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Draw a single octopus arm using a C-curl that bends to the left. The arm starts at the body on the right and ends at a tip on the left. Place five suckers along the inner side of the curl. Use hypothetical values: arm width 1 cm near the body tapering to 0.5 cm at the tip, sucker spacing 1 cm near the body and 0.6 cm near the tip.

Answer: Draw a smooth C-shaped centerline about 8 cm long, bending left. Add width: 1 cm near the body, tapering to 0.5 cm at the tip. Because the curl bends left, the inner side is the left side of the arm. Place five sucker centers along that inner edge, starting near the body and spacing them so the gaps shrink gradually from about 1 cm near the body to about 0.6 cm near the tip. Draw each sucker as a circle about one third of the arm width, with a smaller inner circle. Check that every sucker sits just inside the left edge and that the arm width tapers smoothly.